Adam E. Meggitt, et al.
Filed: September 23, 2003
Our Docket No.: 283-392.11
For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

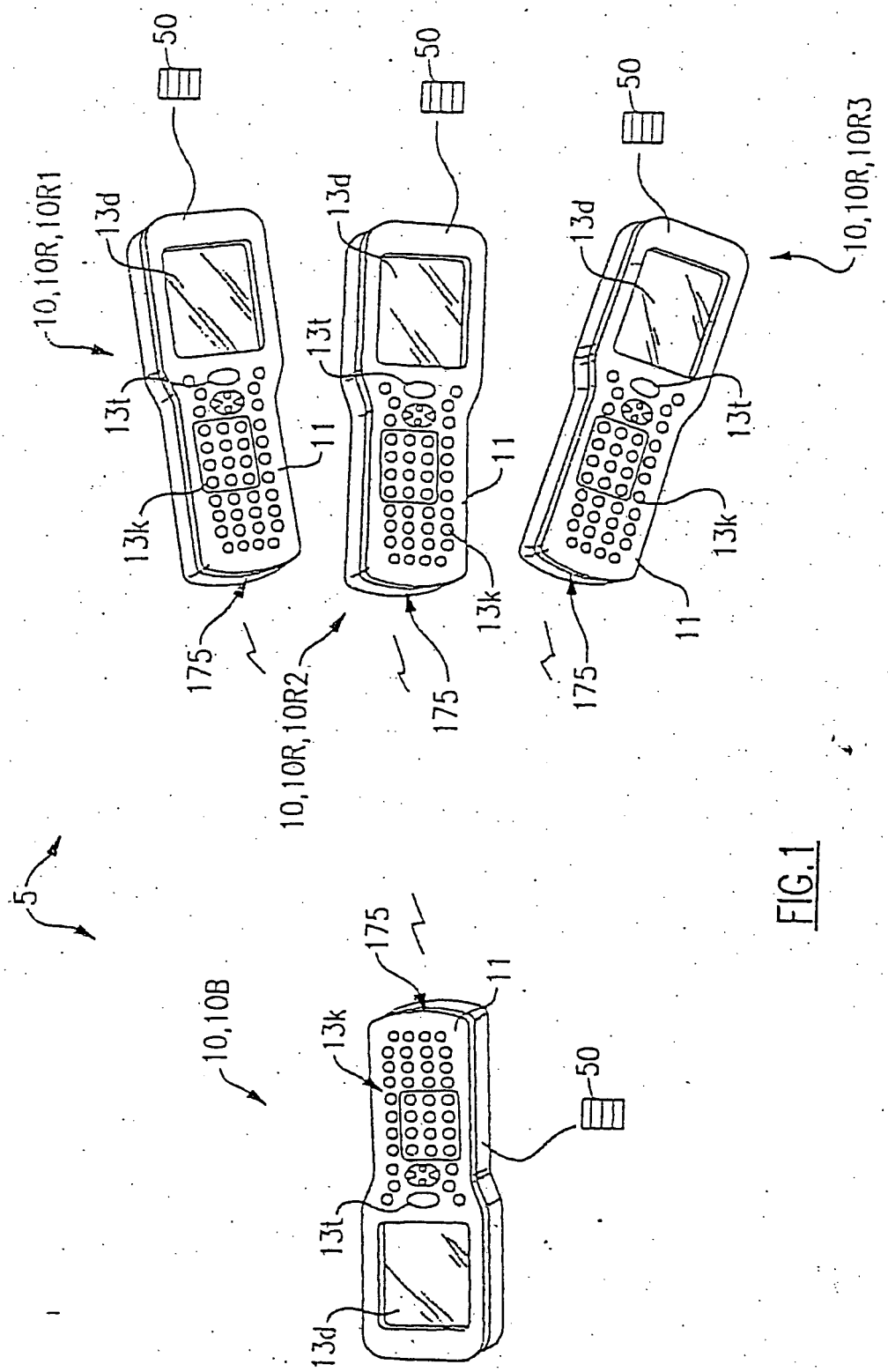

FIG.1

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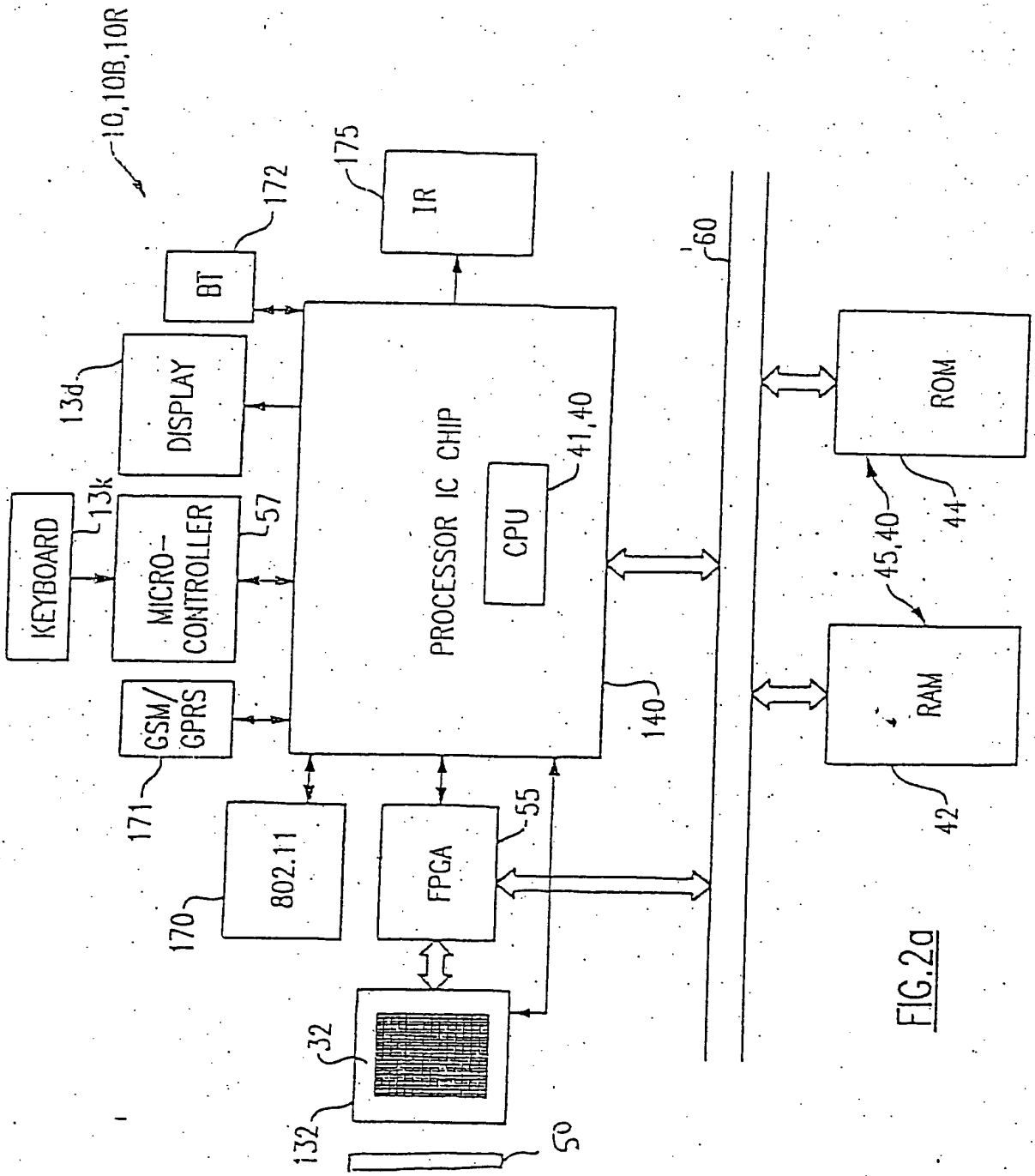

FIG.2a

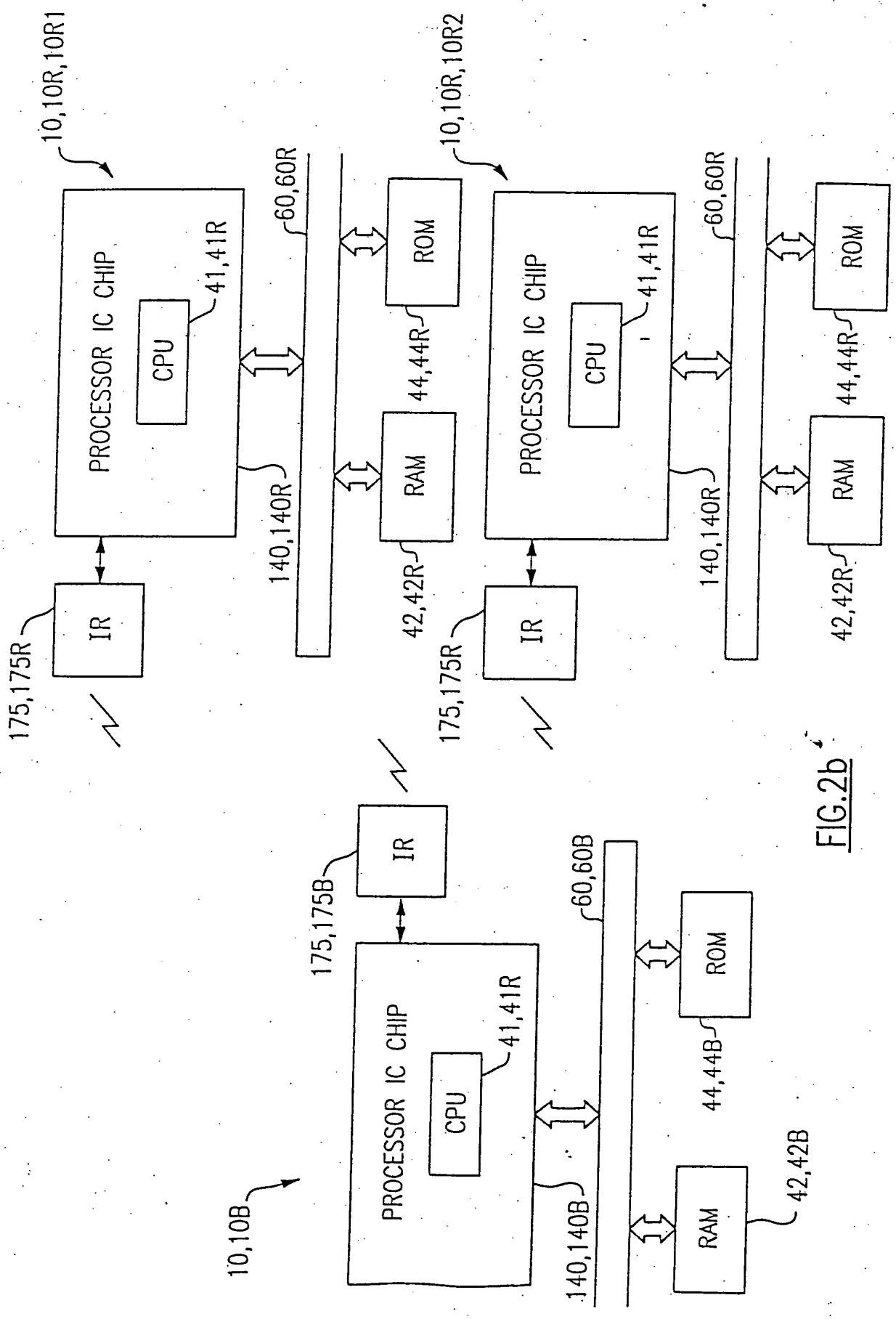
10,10R,10R1
PROCESSOR IC CHIP
CPU
41,41R
60,60R
ROM
44,44R
RAM
140,140R
42,42R
IR
175,175R
10,10R,10R2
PROCESSOR IC CHIP
CPU
41,41R
60,60R
ROM
44,44R
RAM
140,140R
42,42R
IR
175,175R
10,10B
PROCESSOR IC CHIP
CPU
41,41R
60,60B
ROM
44,44B
RAM
140,140B
42,42B
IR
175,175B

FIG.2b

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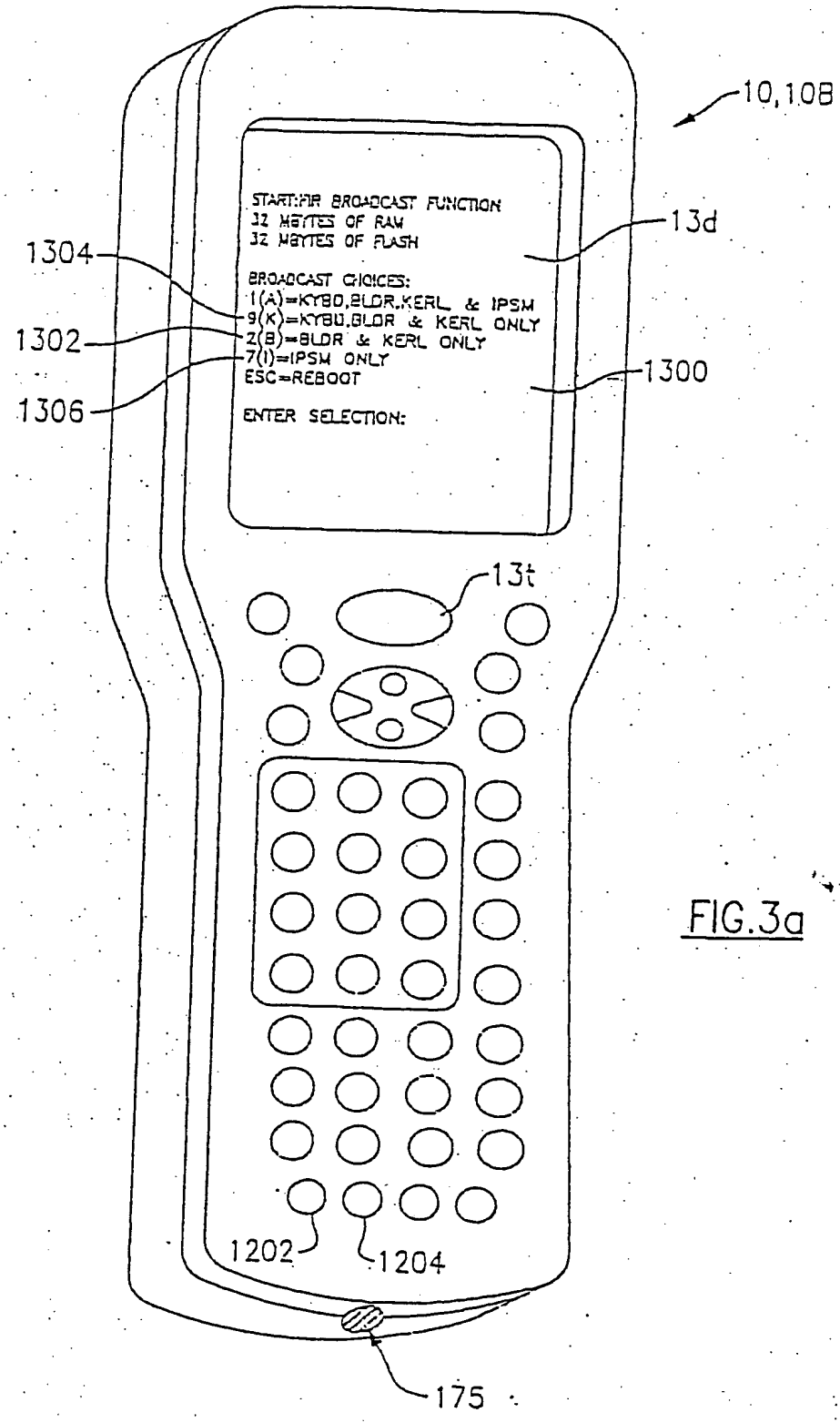

FIG.3a

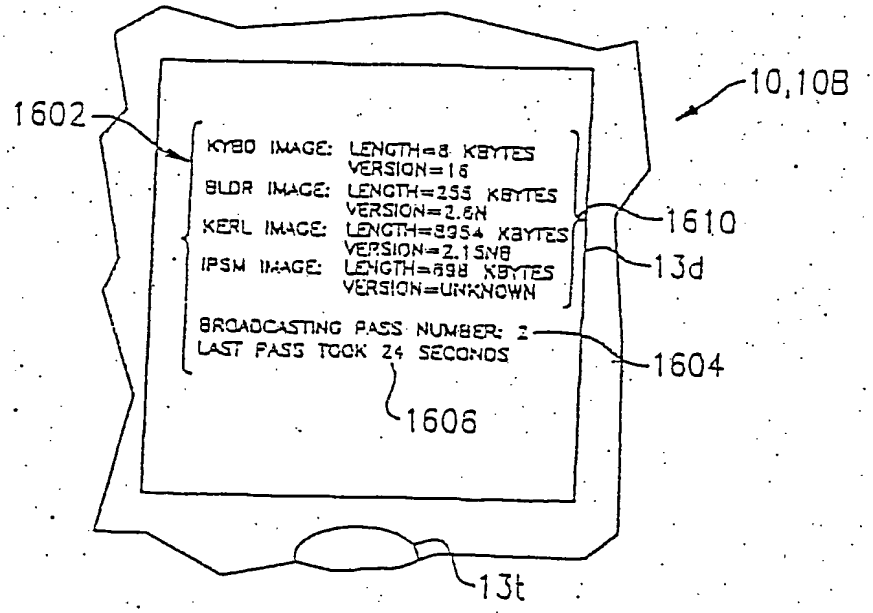
1602
10,10B
KYBO IMAGE: LENGTH=8 KBYTES
VERSION=16
BLDR IMAGE: LENGTH=255 KBYTES
VERSION=2.6N
KERL IMAGE: LENGTH=8954 KBYTES
VERSION=2.15N8
IPSM IMAGE: LENGTH=698 KBYTES
VERSION=UNKNOWN
BROADCASTING PASS NUMBER: 2
LAST PASS TOOK 24 SECONDS
1610
13d
1604
1606
13t

FIG.3b

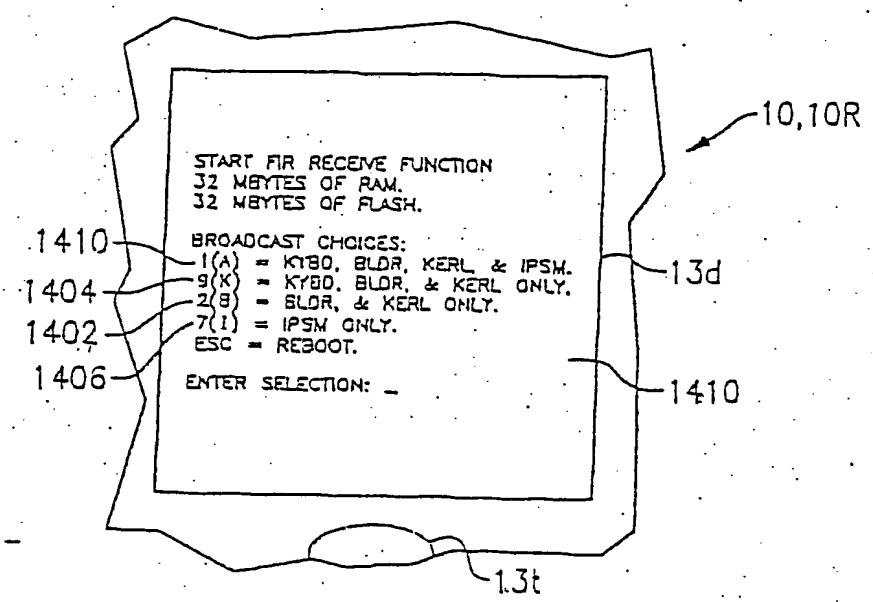
10,10R
START FIR RECEIVE FUNCTION
32 MBYTES OF RAM.
32 MBYTES OF FLASH.
BROADCAST CHOICES:
1(A) = KYBO, BLDR, KERL & IPSM.
9(K) = KYBO, BLDR, & KERL ONLY.
2(B) = BLDR, & KERL ONLY.
7(I) = IPSM ONLY.
ESC = REBOOT.
ENTER SELECTION: _
1410
1404
1402
1406
13d
1410
13t

FIG.3c

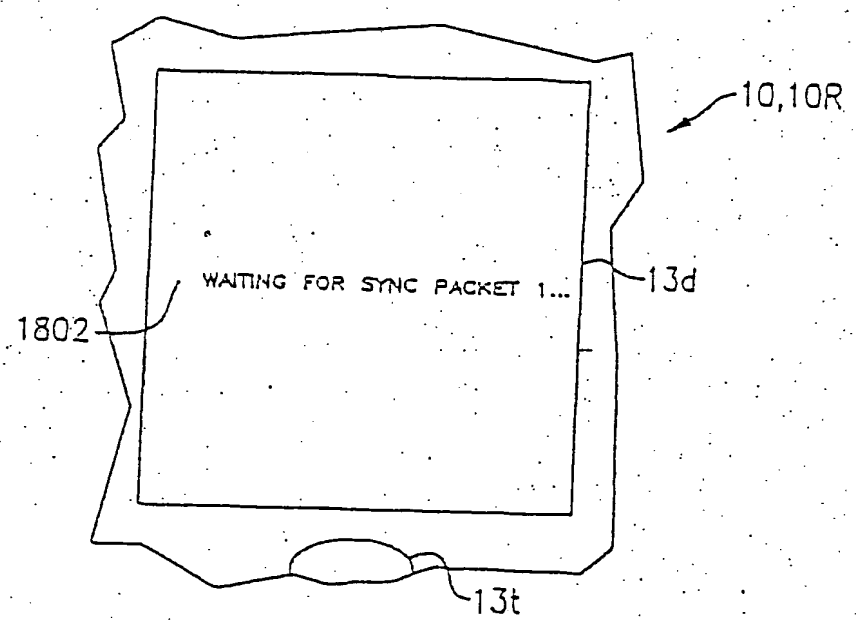
10,10R
WAITING FOR SYNC PACKET 1...
13d
1802
13t

FIG.3d

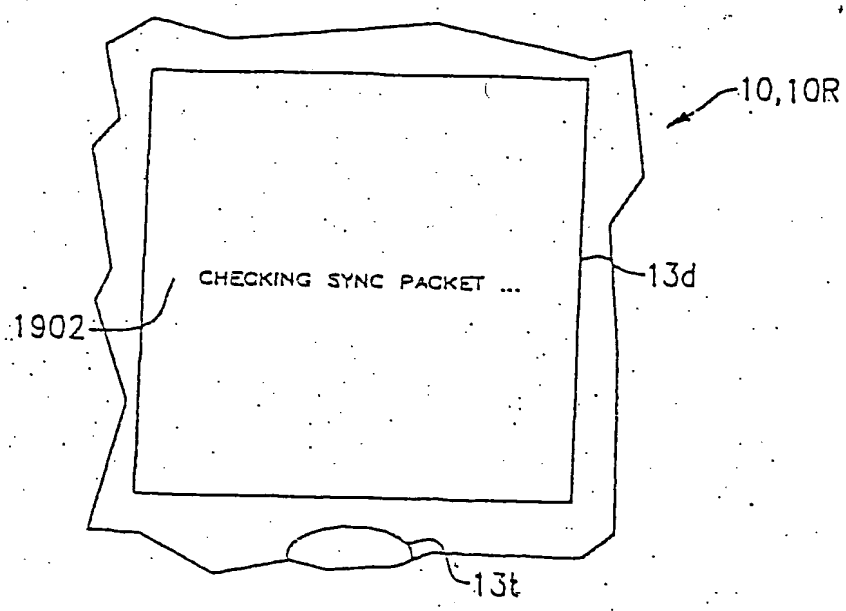
10,10R
CHECKING SYNC PACKET ...
13d
1902
13t

FIG.3e

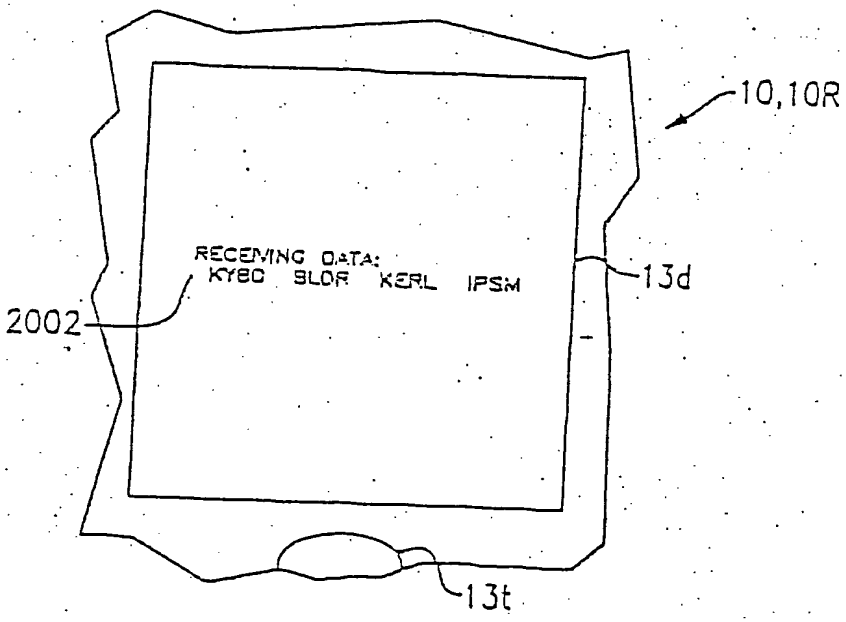
10,10R
RECEIVING DATA:
KYBD SLOR KERL IPSM
13d
2002
13t

FIG.3f

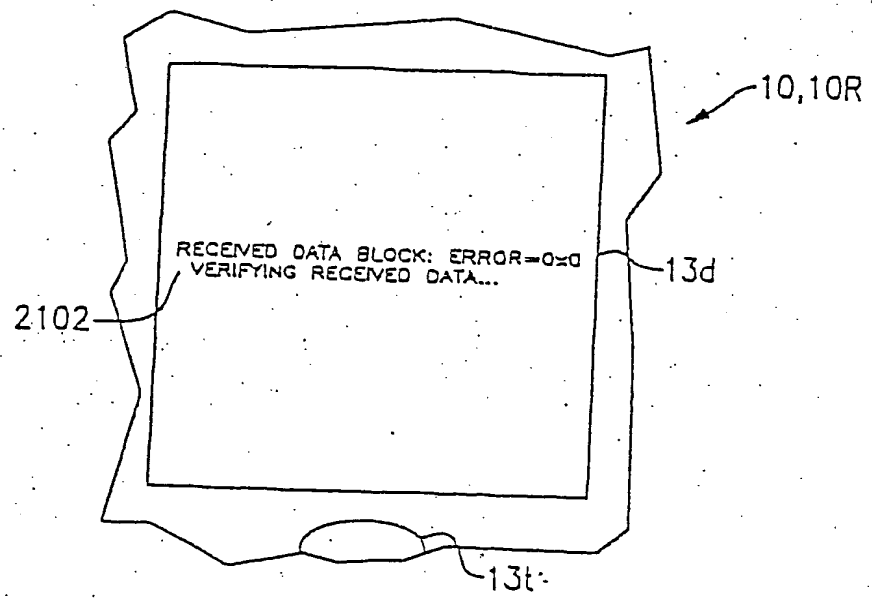
10,10R
RECEIVED DATA BLOCK: ERROR=0x0
VERIFYING RECEIVED DATA...
13d
2102
13t

FIG.3g

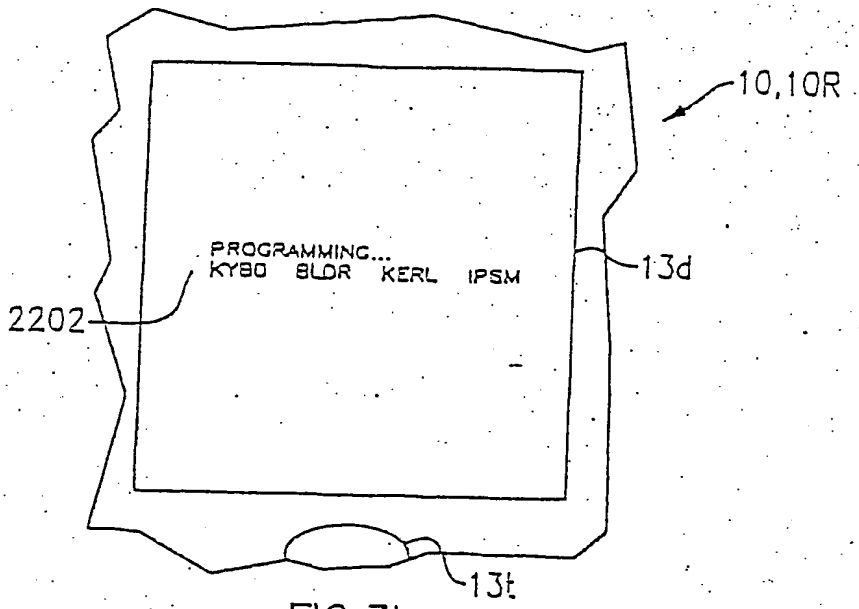

FIG.3h

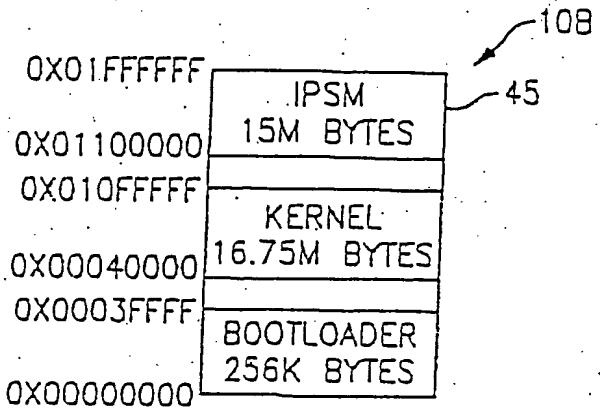

FIG.4a

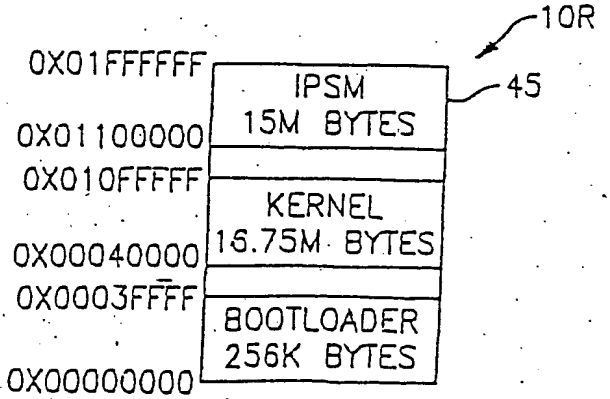

FIG.4b

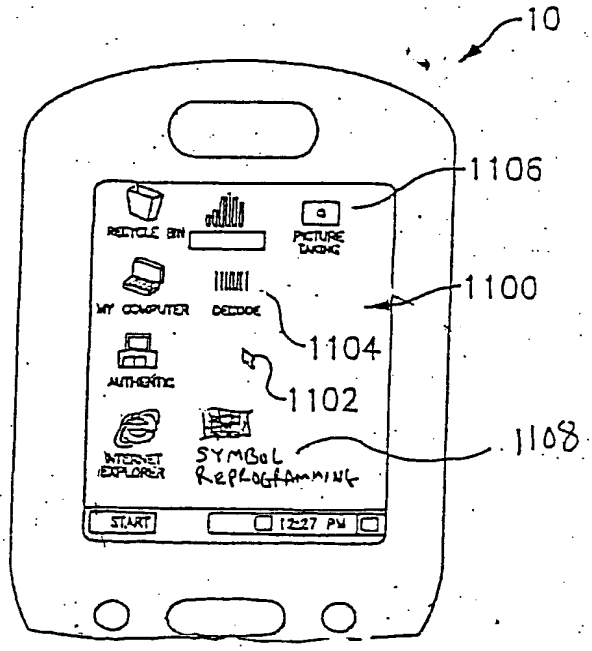

FIG.5

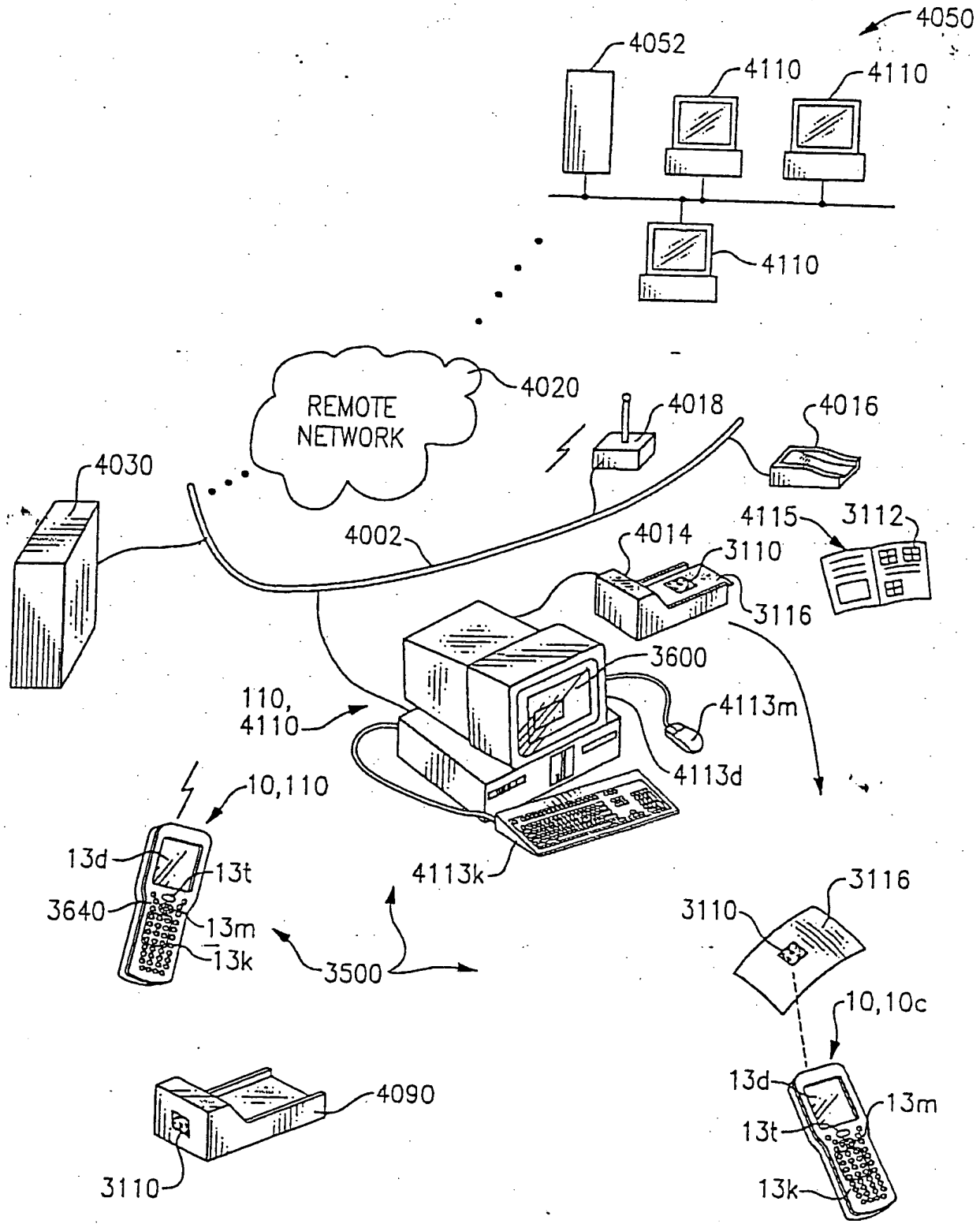
4050
4052
4110
4110
4110
REMOTE NETWORK
4020
4018
4016
4030
4002
4115
3112
4014
3110
3116
3600
110, 4110
4113m
4113d
10,110
13d
13t
3640
13m
13k
4113k
3500
3116
3110
10,10c
13d
13m
13t
13k
4090
3110

FIG.6a

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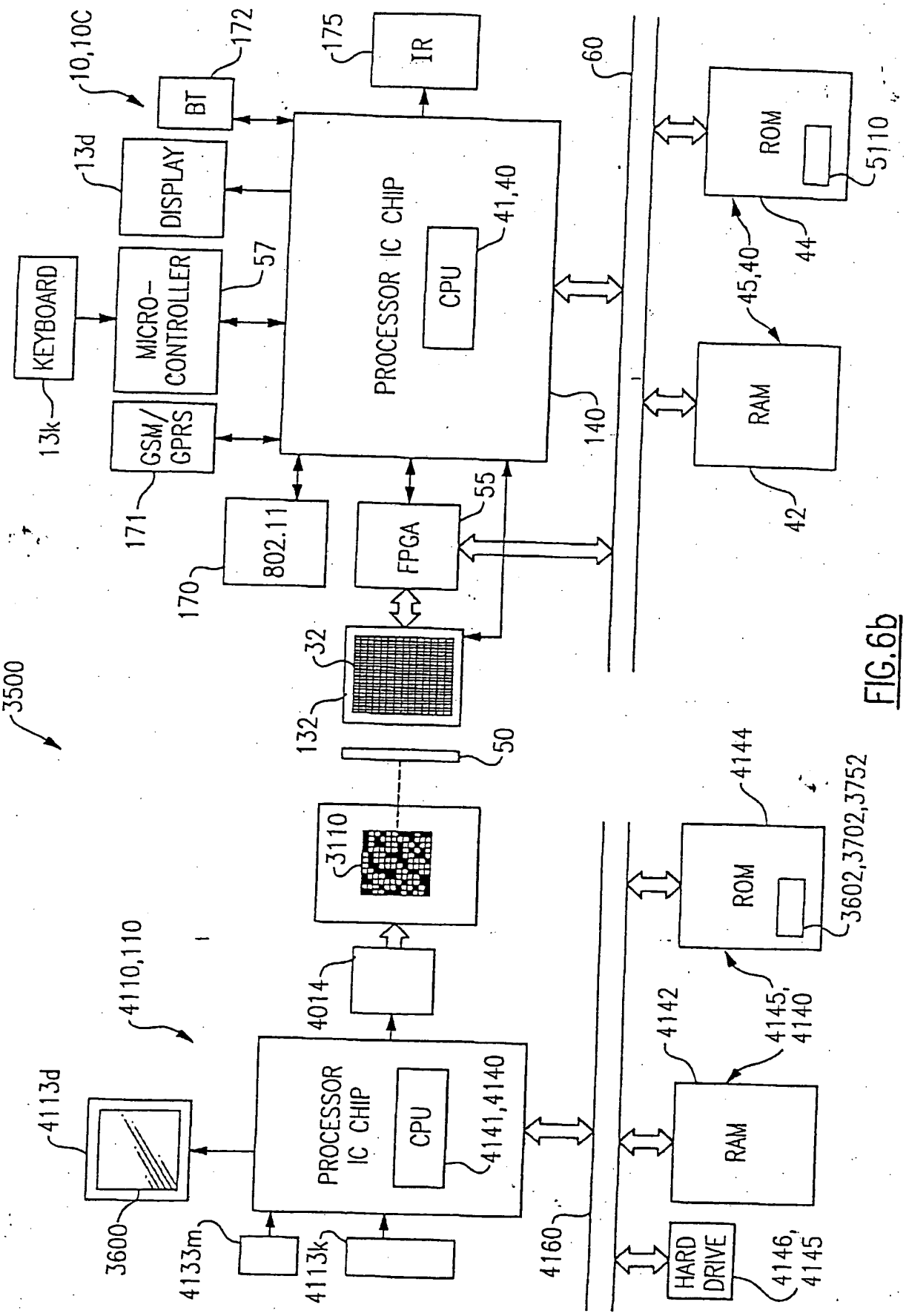

FIG.6b

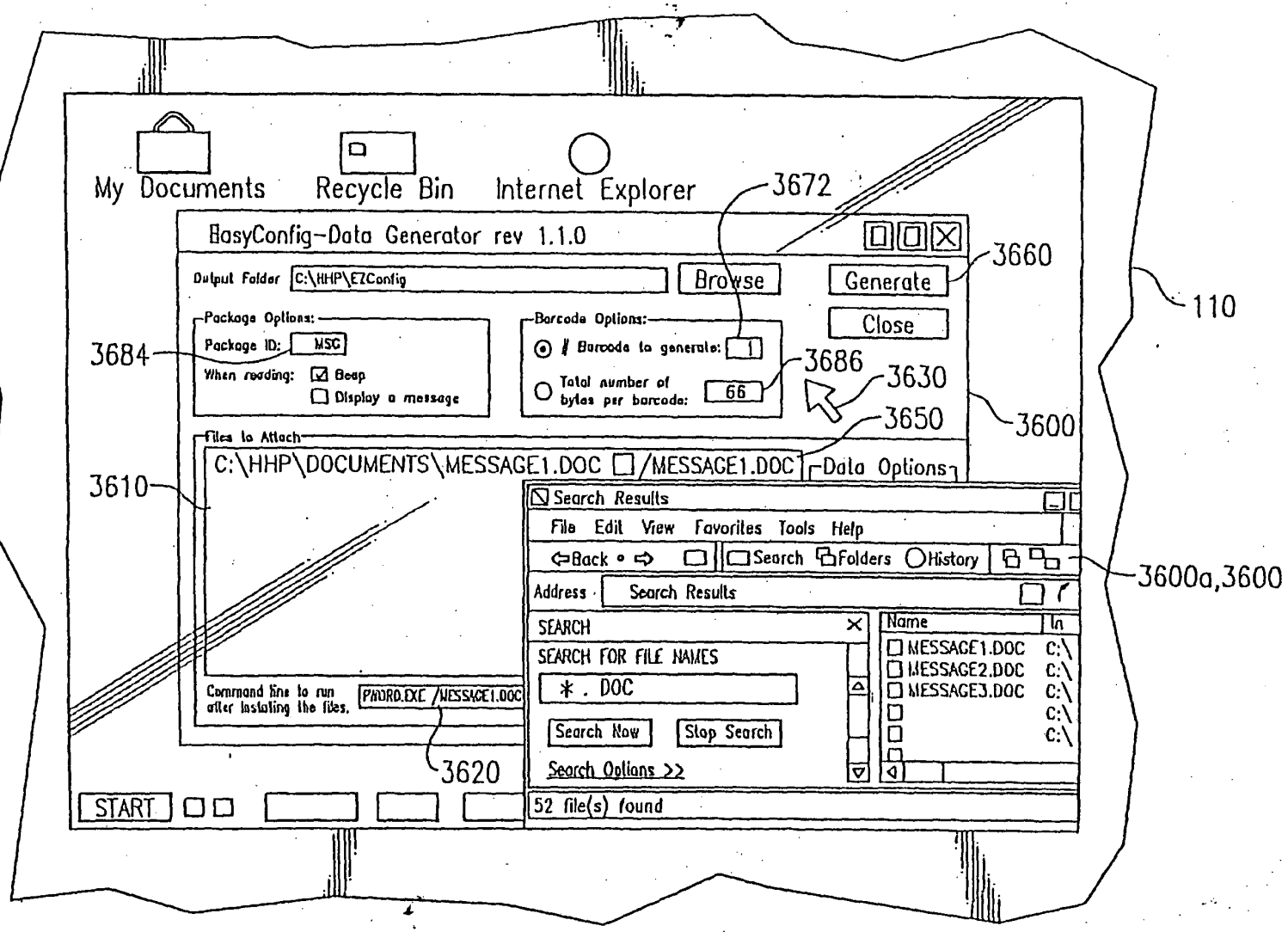

FIG.7a

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Telephone: (315) 425-9000

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Attorney of Record: George S. Blasiak
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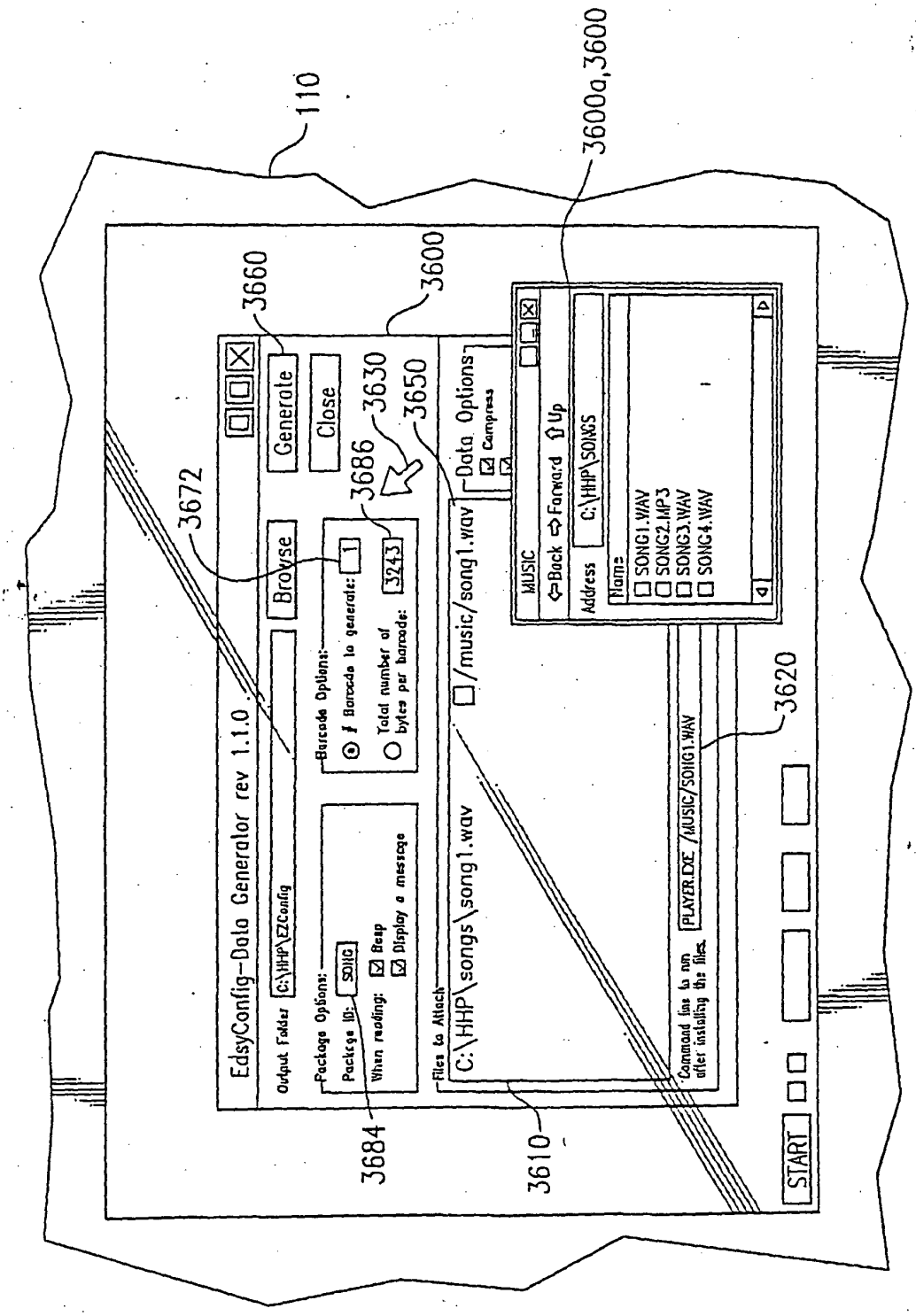

FIG.7b

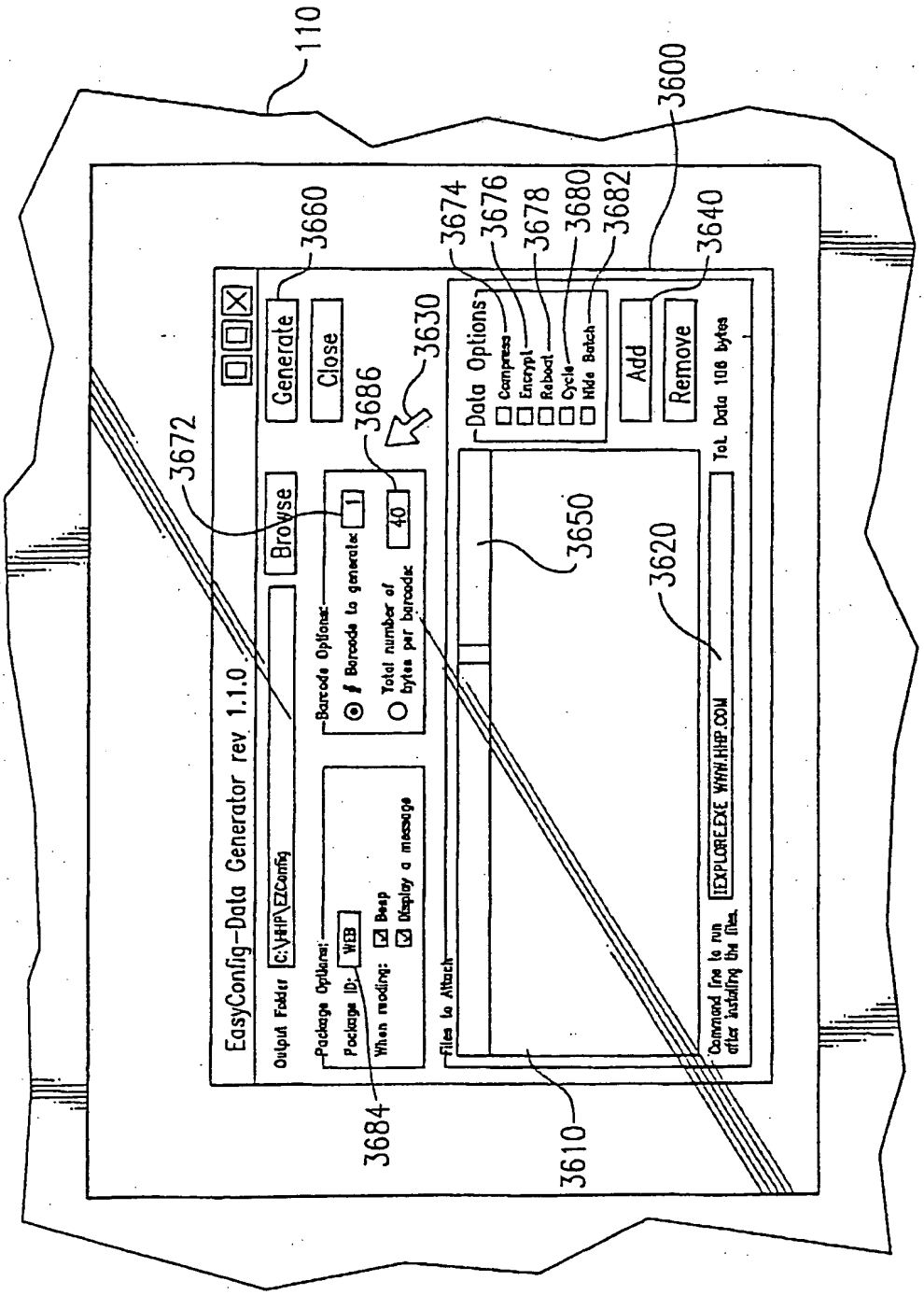
110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3610
3684
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Barcode Options:
If Barcode to generate:
1
Total number of bytes per barcode:
40
Package Options:
Package ID:
WEB
When reading:
Beep
Display a message
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot. Data 108 bytes
Files to Attach
Command line to run after installing the files.
IEXPLORE.EXE WWW.HHP.COM

FIG.7c

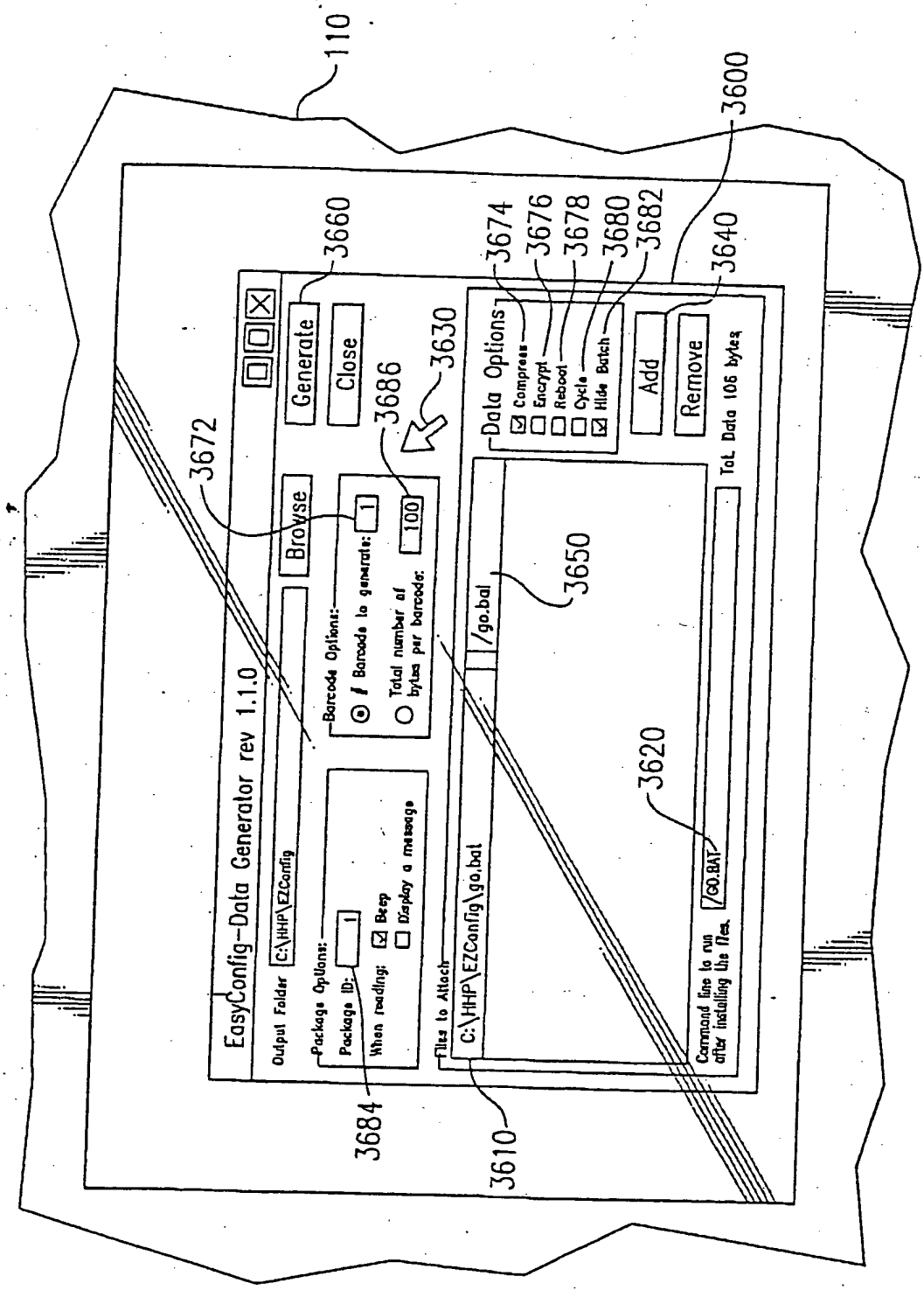
110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3684
3610
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Barcode Options:
Barcode to generate:
Total number of bytes per barcode:
Package Options:
Package ID:
When reading:
Beep
Display a message
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot Data 106 bytes
Files to Attach
C:\HHP\EZConfig\go.bat
/go.bat
Command line to run after installing the files.
/GO.BAT

FIG.7d

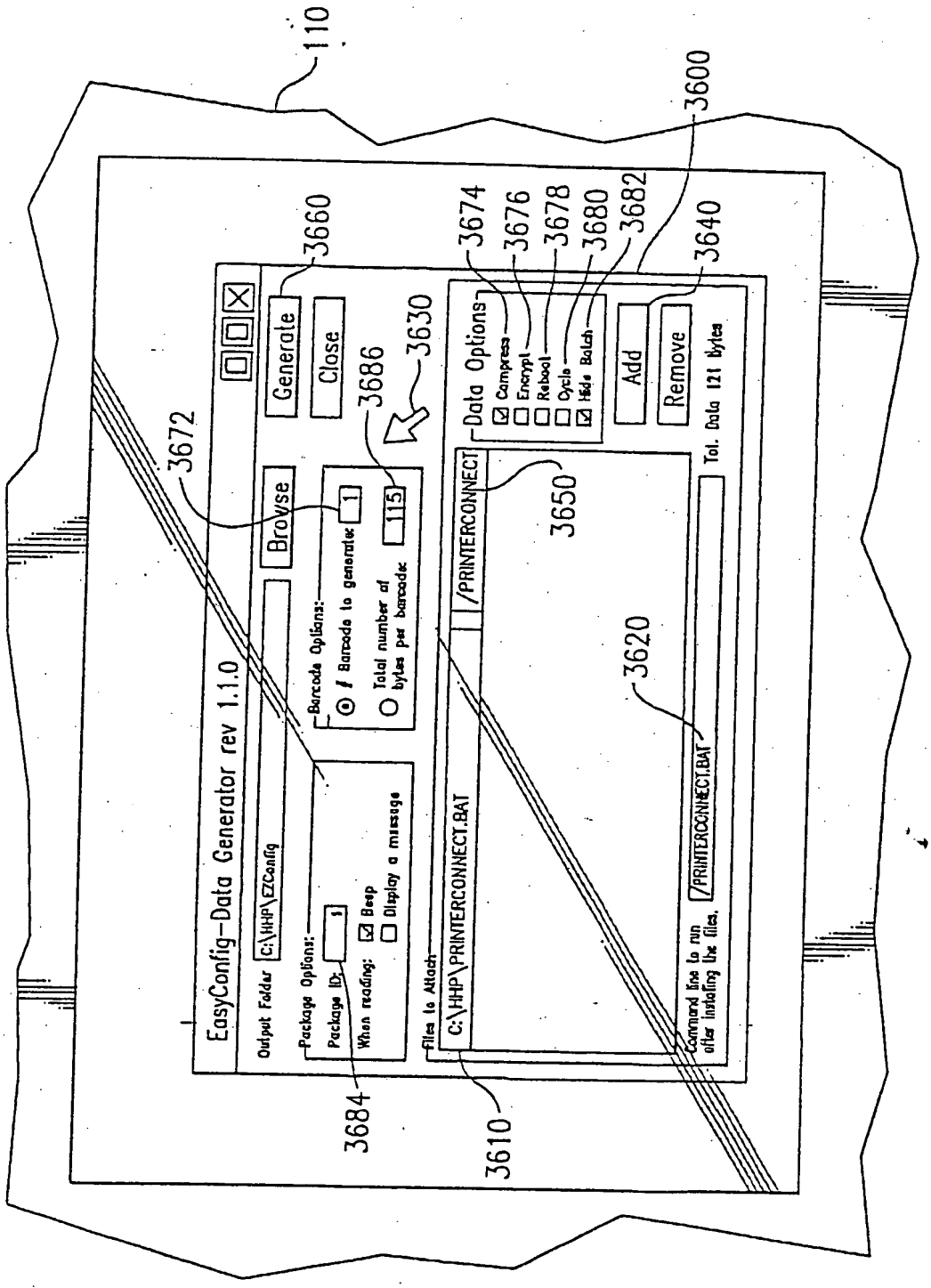
110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3684
3610
EasyConfig-Data Generator rev 1.1.0
Output Folder
C:\HHP\EZConfig
Browse
Generate
Close
Barcode Options:
Barcode to generate
Total number of bytes per barcode
115
Package Options:
Package ID:
When reading:
Beep
Display a message
Files to Attach:
C:\HHP\PRINTERCONNECT.BAT
/PRINTERCONNECT
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot. Data 121 Bytes
Command line to run after installing the files.
/PRINTERCONNECT.BAT

FIG.7e

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Telephone: (315) 425-9000

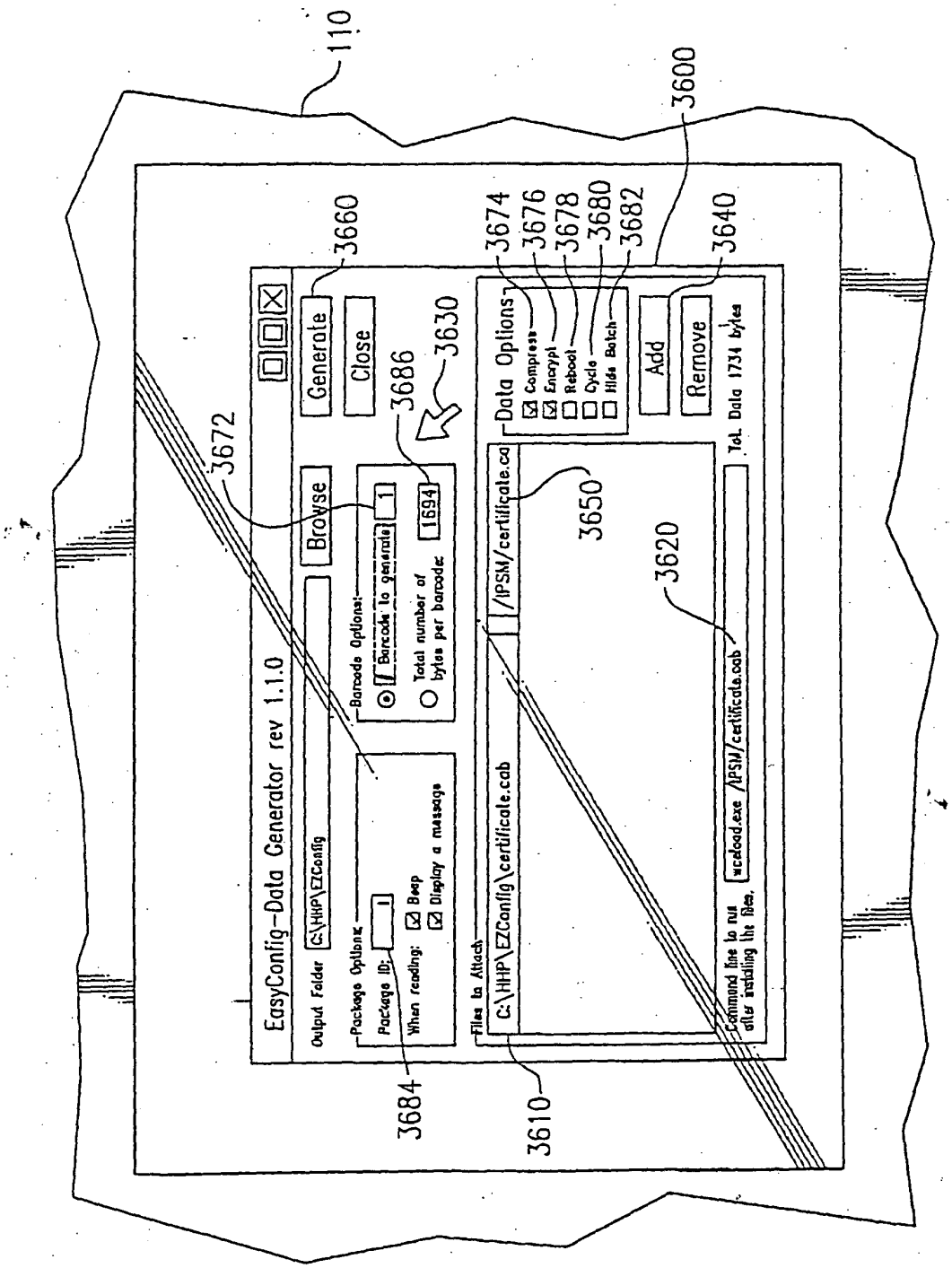

FIG. 7f

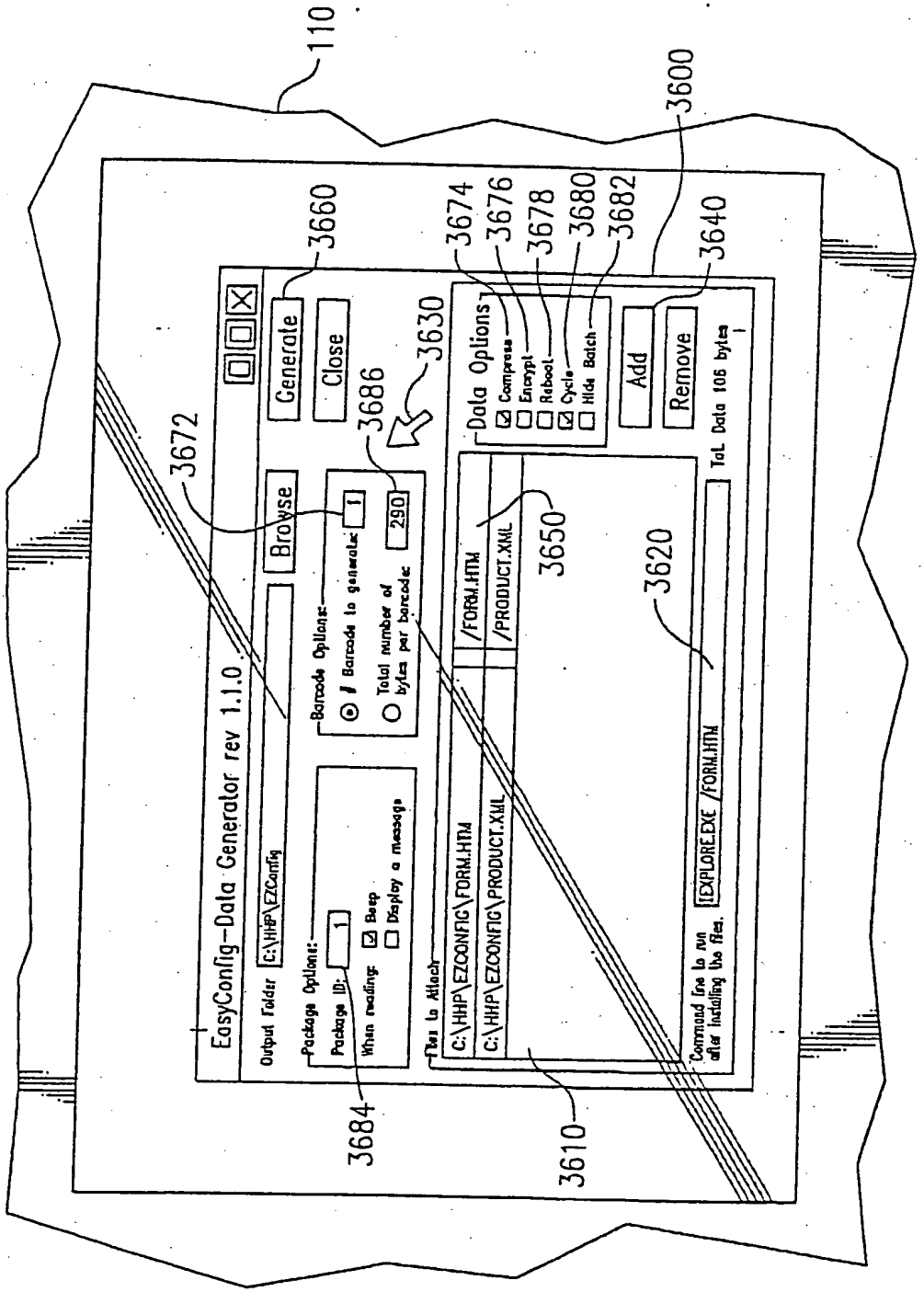
110
3600
3660
3674
3676
3678
3680
3682
3640
3630
3686
3672
3650
3620
3610
3684
EasyConfig-Data Generator rev 1.1.0
Generate
Close
Browse
Output Folder
C:\HHP\EZConfig
Barcode Options:
Barcode to generate:
Total number of bytes per barcode:
290
Package Options:
Package ID:
When reading:
Beep
Display a message
Files to Attach
C:\HHP\EZCONFIG\FORM.HTM
C:\HHP\EZCONFIG\PRODUCT.XML
/FORM.HTM
/PRODUCT.XML
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot Data 105 bytes
Command line to run after installing the files.
[EXPLORE.EXE /FORM.HTM

FIG.7g

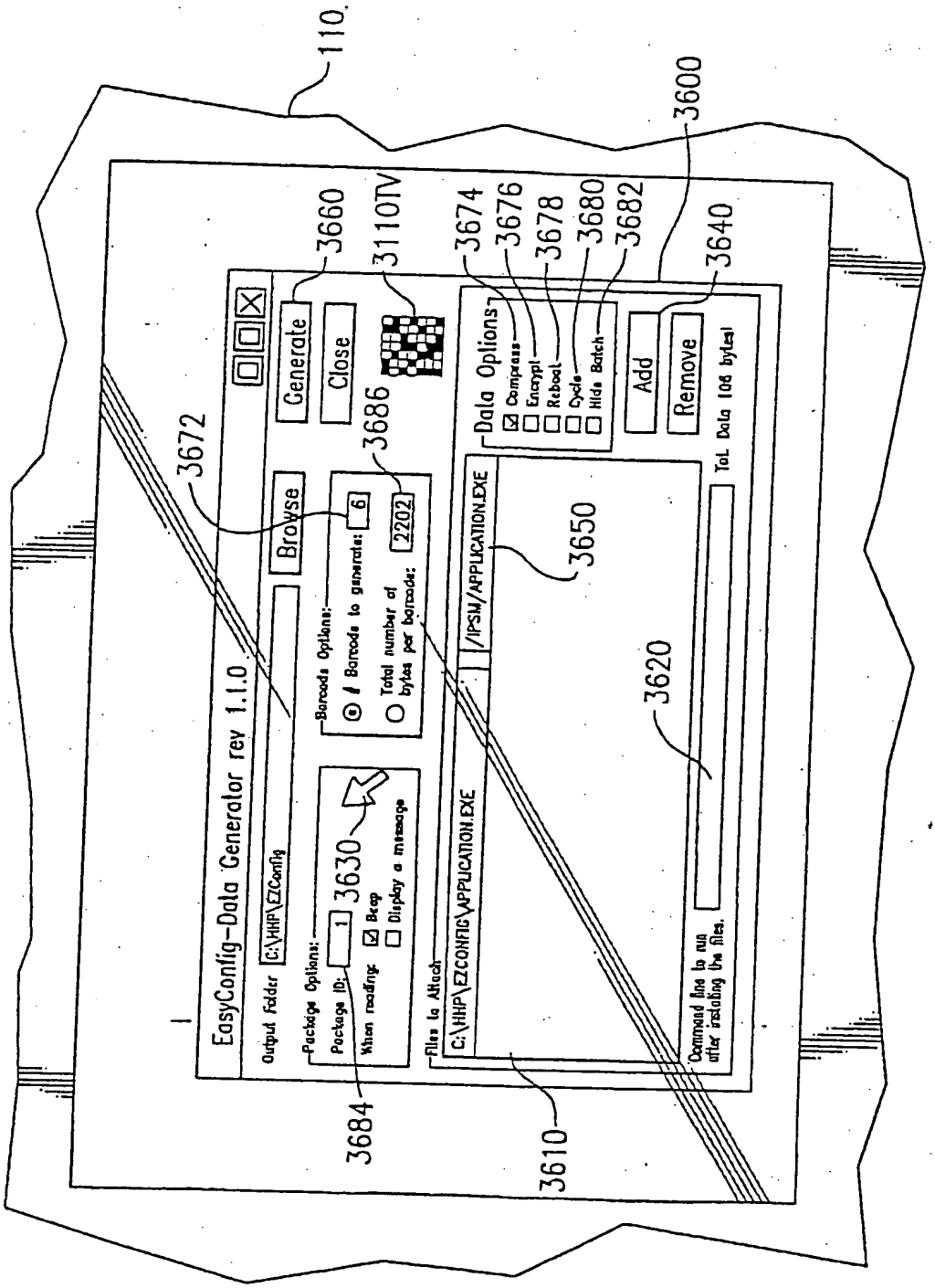
110
3600
3660
3110TV
3674
3676
3678
3680
3682
3640
3672
3686
3650
3620
3630
3684
3610
EasyConfig-Data Generator rev 1.1.0
Output folder
C:\HHP\EZConfig
Browse
Generate
Close
Barcode Options:
Barcods to generate:
6
Total number of bytes per barcode:
2202
Package Options:
Package ID:
1
Beep
When reading:
Display a message
Files to Attach
C:\HHP\EZCONFIG\APPLICATION.EXE
/IPSM/APPLICATION.EXE
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Tot Data 106 bytes
Command line to run after creating the files.

FIG. 7h

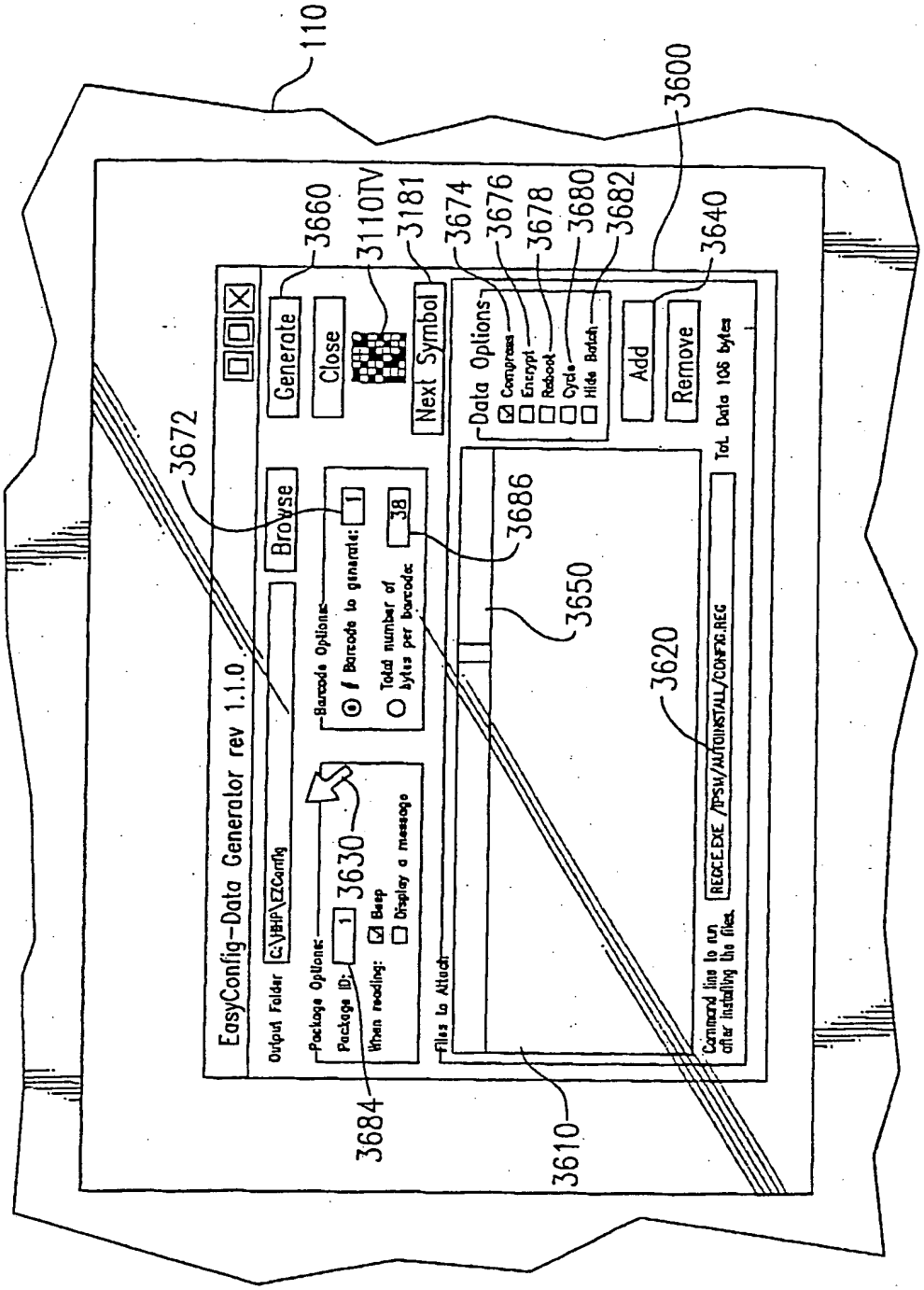
110
3600
3660
3110TV
3181
3674
3676
3678
3680
3682
3640
3672
3686
3650
3620
3630
3684
3610
EasyConfig-Data Generator rev 1.1.0
Output Folder
C:\VBHP\EZConfig
Browse
Generate
Close
Next Symbol
Data Options
Compress
Encrypt
Reboot
Cycle
Hide Batch
Add
Remove
Barcode Options
Barcode to generate:
Total number of bytes per barcode:
Package Options
Package ID:
When reading:
Beep
Display a message
Files to Attach
Command line to run after installing the files:
REGCE.EXE /PSH/AUTOINSTALL/CONFIG.REG
Tot. Data 106 bytes

FIG.7i

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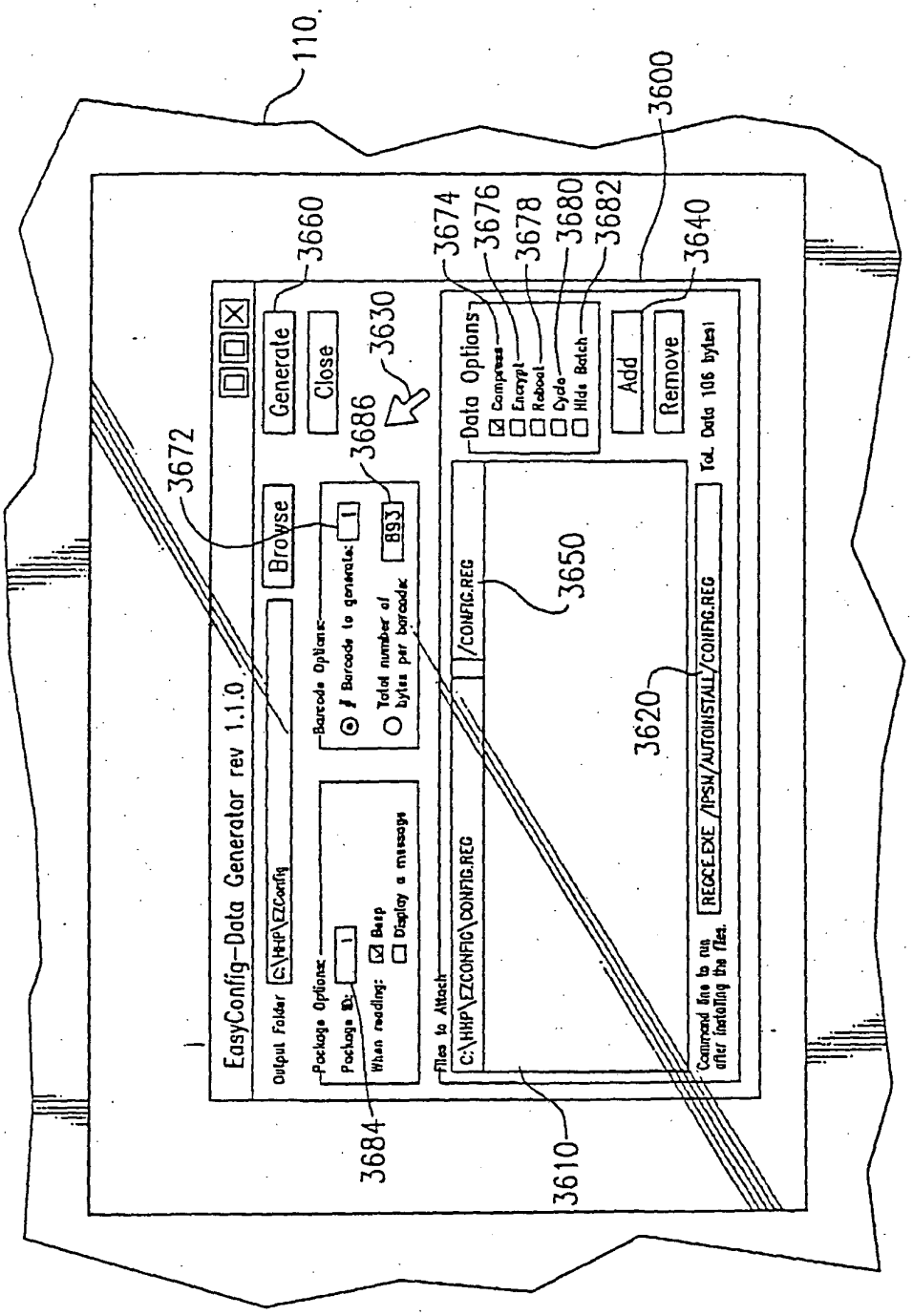

FIG.7j

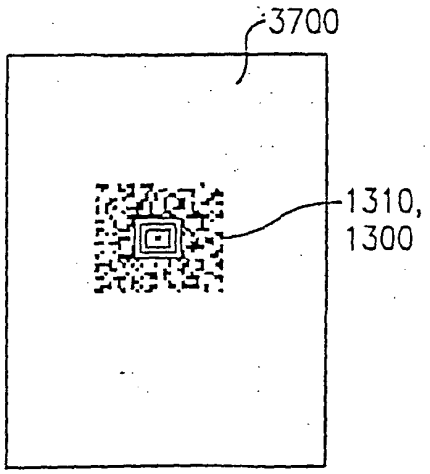

FIG.8a

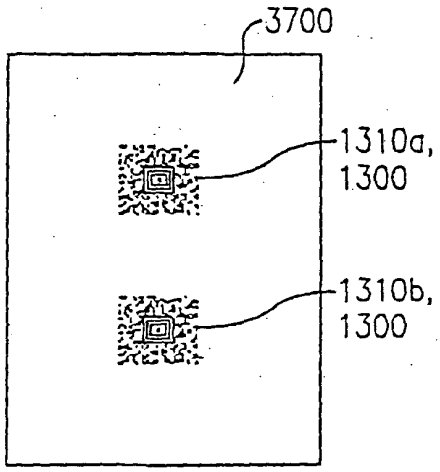

FIG.8b

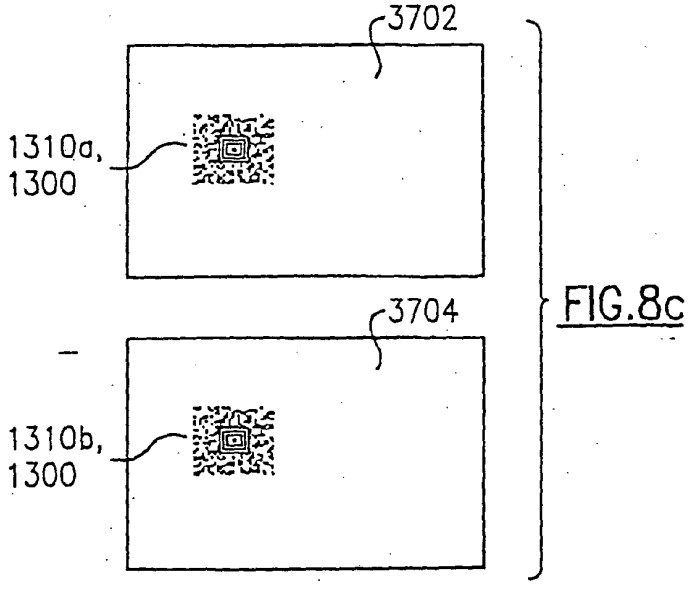

FIG.8c

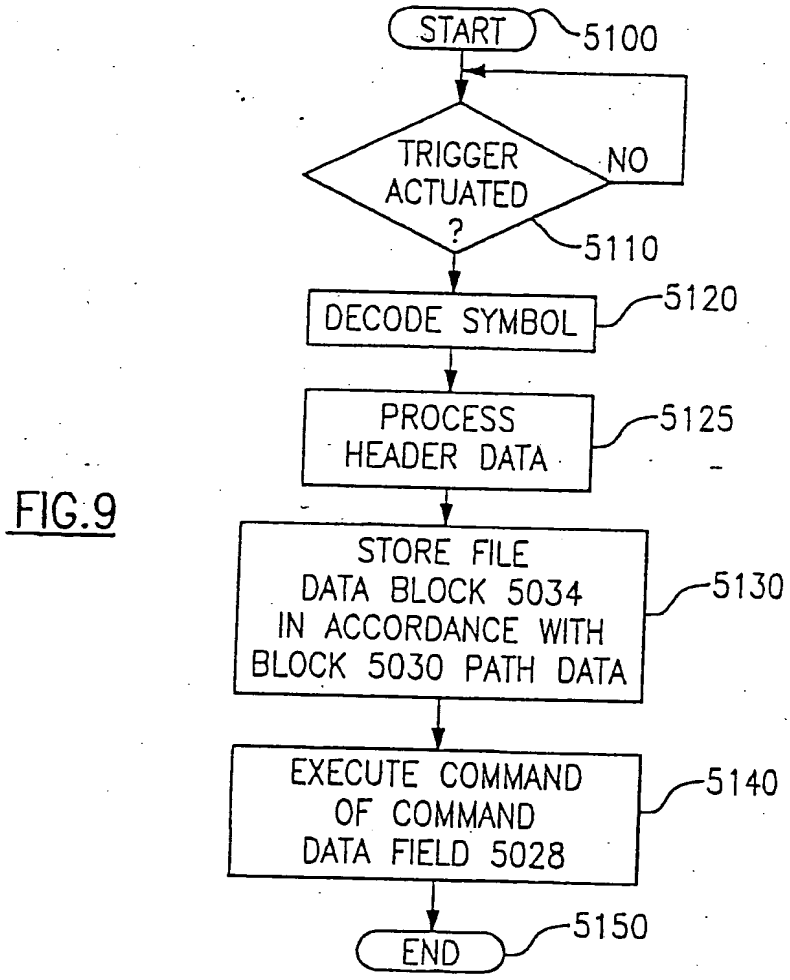
START
5100
TRIGGER ACTUATED ?
NO
5110
DECODE SYMBOL
5120
PROCESS HEADER DATA
5125
STORE FILE DATA BLOCK 5034 IN ACCORDANCE WITH BLOCK 5030 PATH DATA
5130
EXECUTE COMMAND OF COMMAND DATA FIELD 5028
5140
END
5150

FIG.9

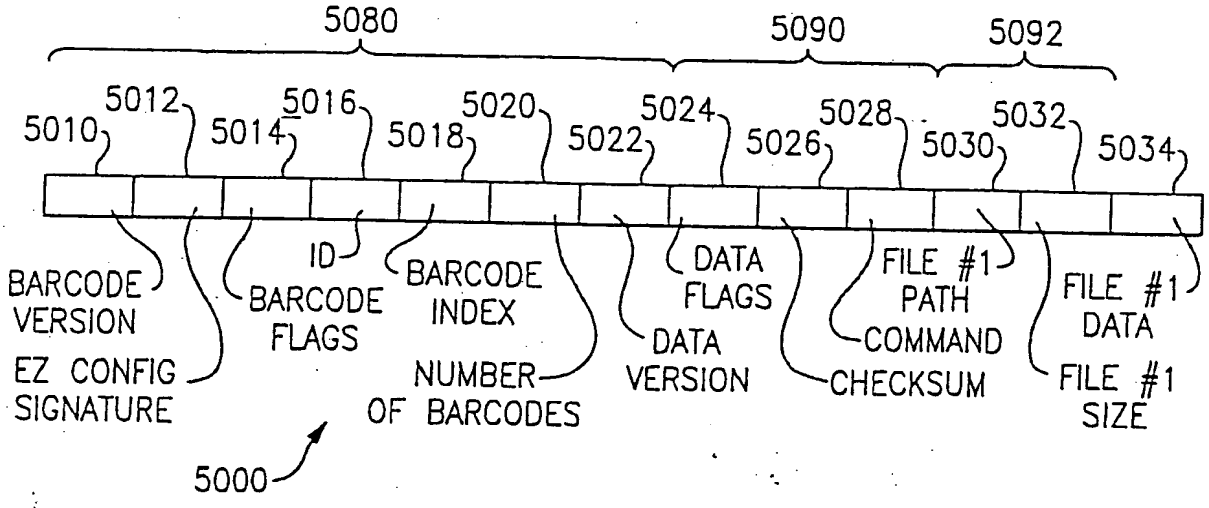
5080
5090
5092
5010
5012
5014
5016
5018
5020
5022
5024
5026
5028
5030
5032
5034
BARCODE VERSION
EZ CONFIG SIGNATURE
BARCODE FLAGS
ID
BARCODE INDEX
NUMBER OF BARCODES
DATA VERSION
DATA FLAGS
CHECKSUM
FILE #1 PATH COMMAND
FILE #1 SIZE
FILE #1 DATA
5000

FIG.10

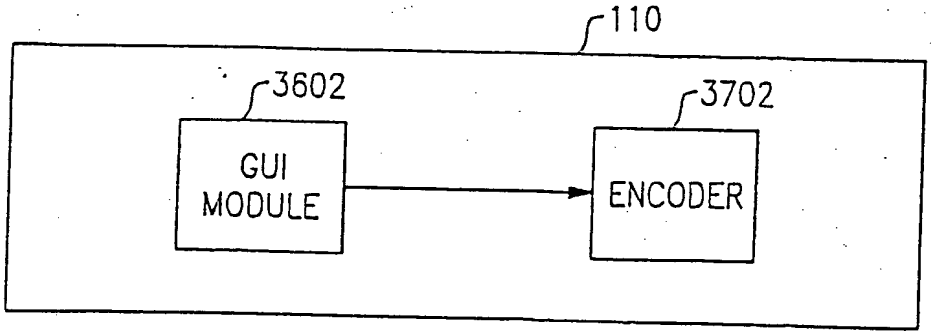

FIG.11A

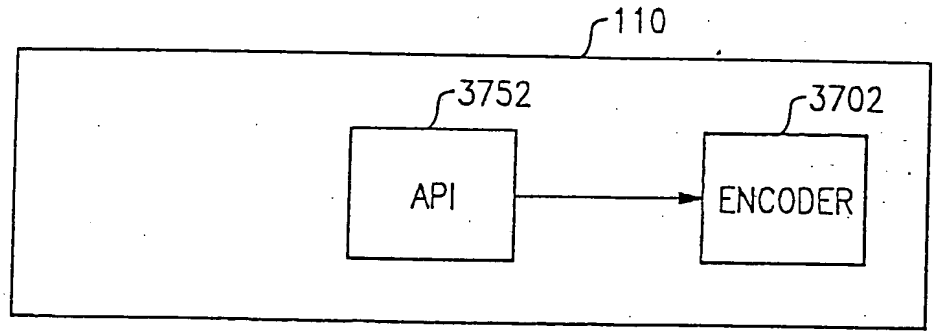

FIG.11B

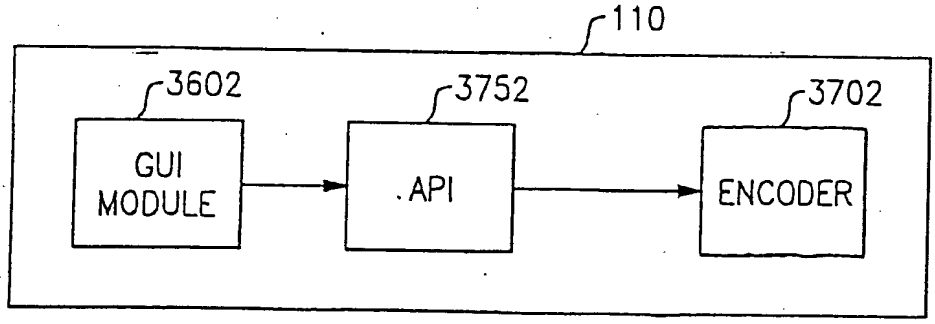

FIG.11C

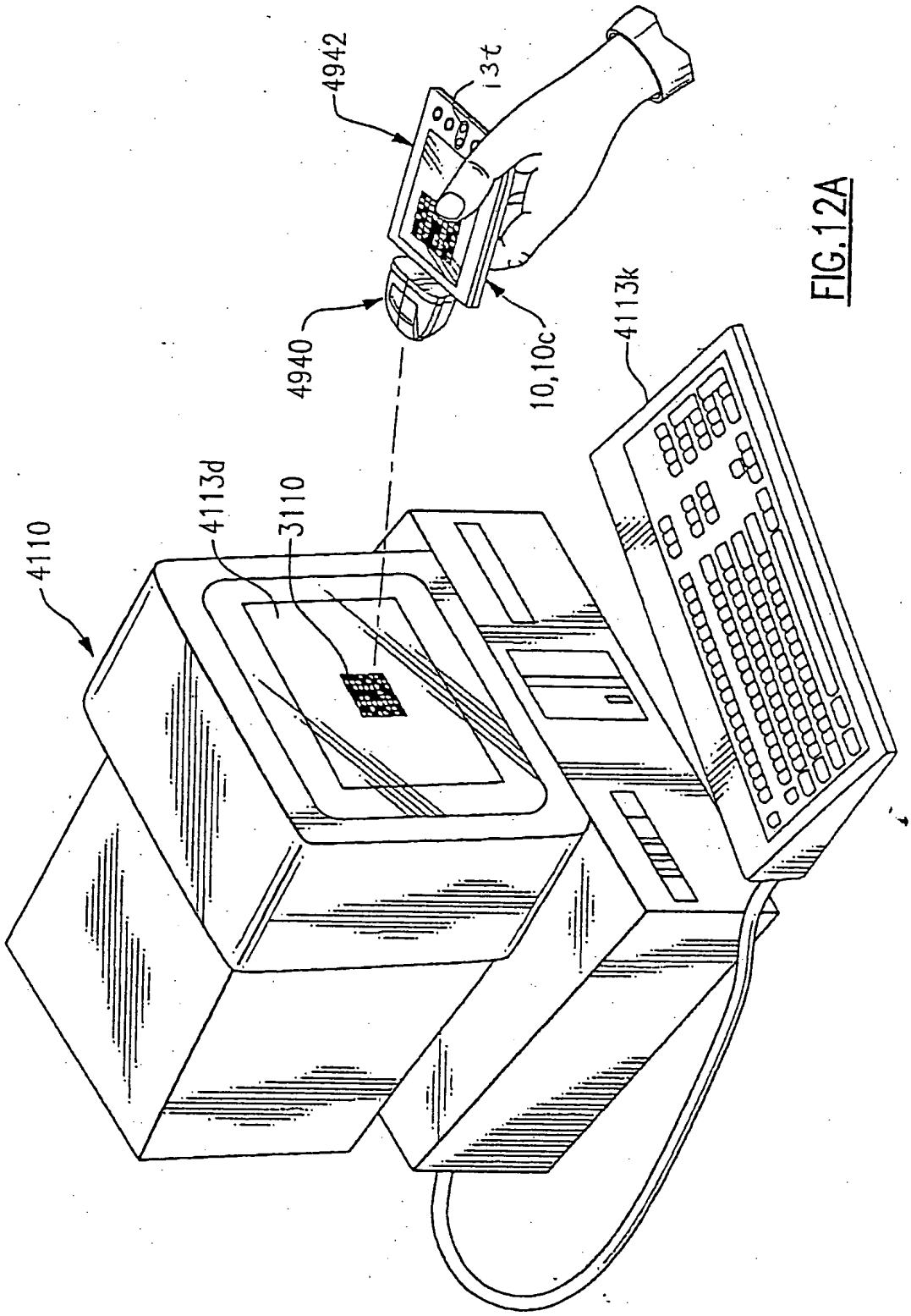

FIG.12A

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Filed: September 23, 2003
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For: Memory Data Copying System For Devices
Attorney of Record: George S. Blasiak
Telephone: (315) 425-9000

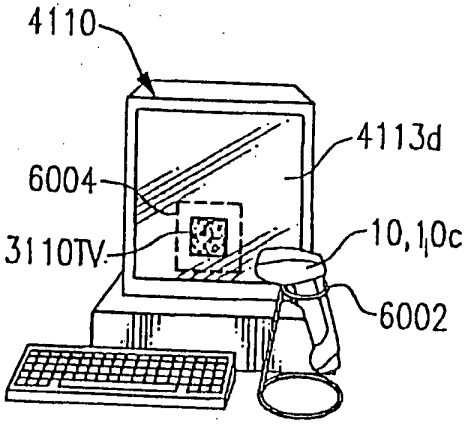


FIG.12B

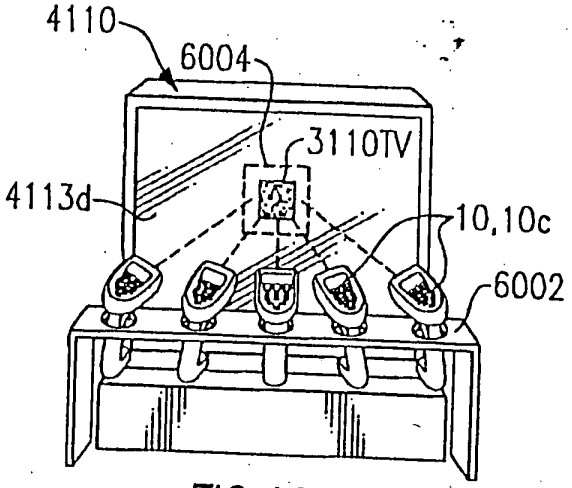


FIG.12C

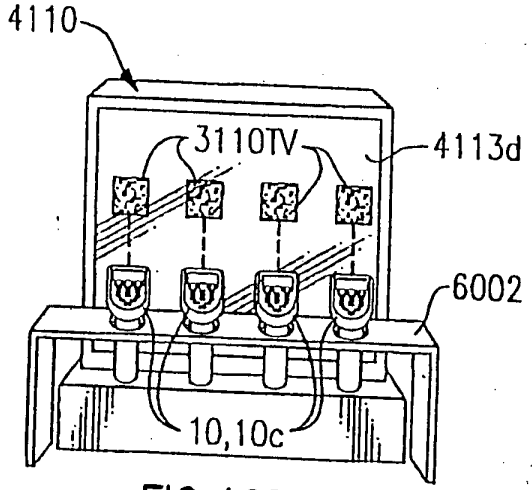


FIG.12D

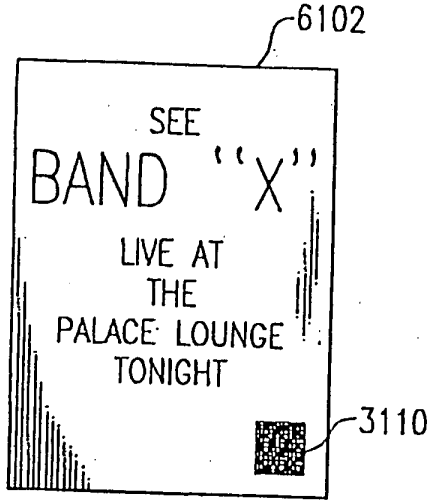


FIG.13A

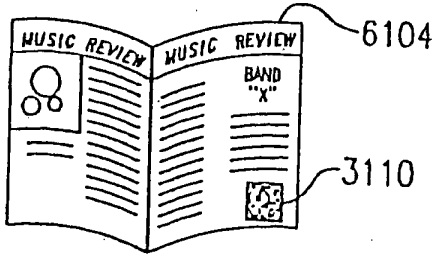


FIG.13B

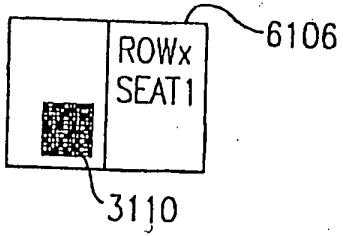


FIG.13C

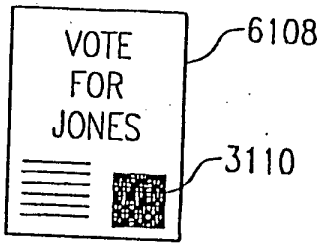


FIG.13D

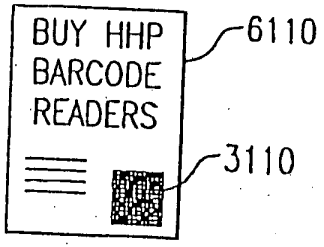
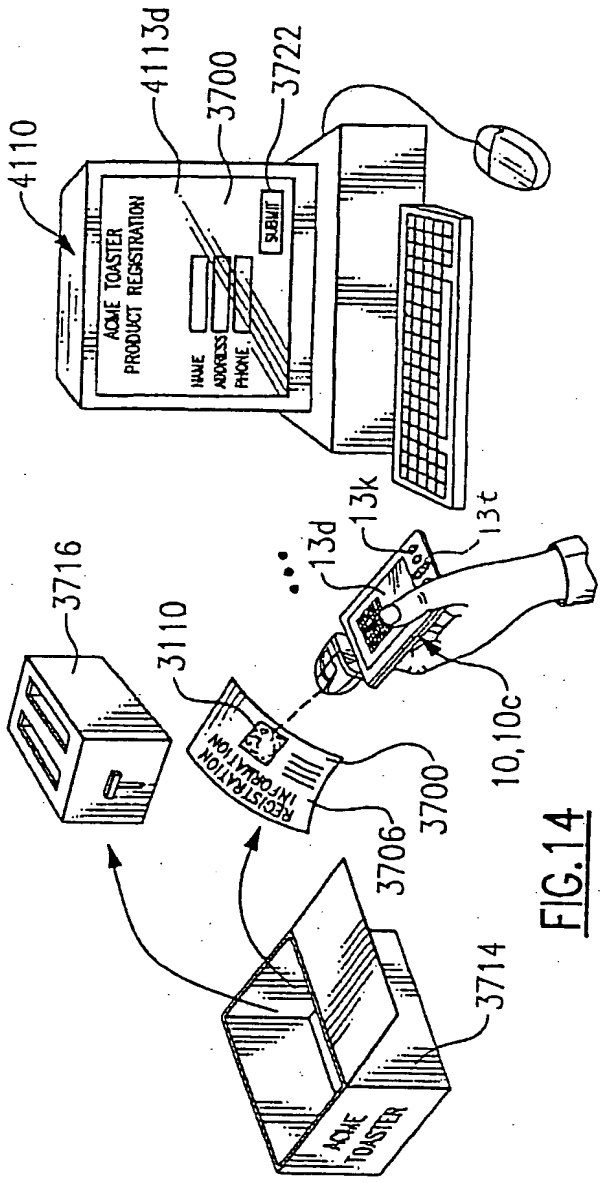


FIG.13E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INFORMATION
3706
3700
3714
ACME
TOASTER

FIG.14

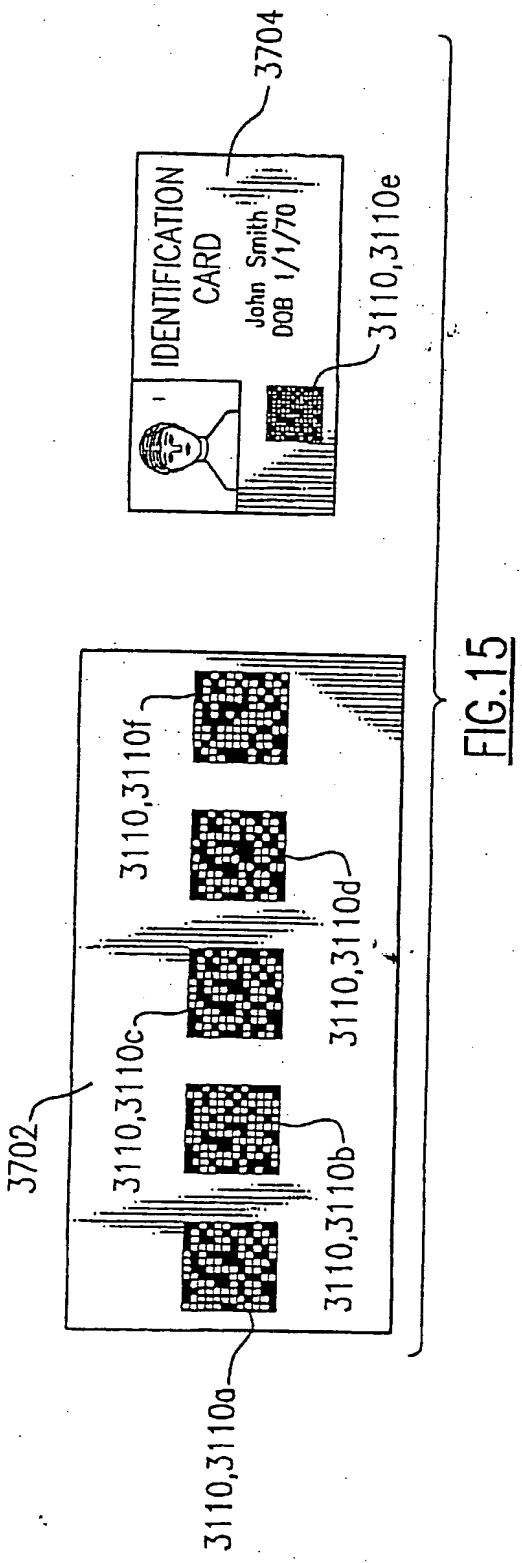
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FIG.15

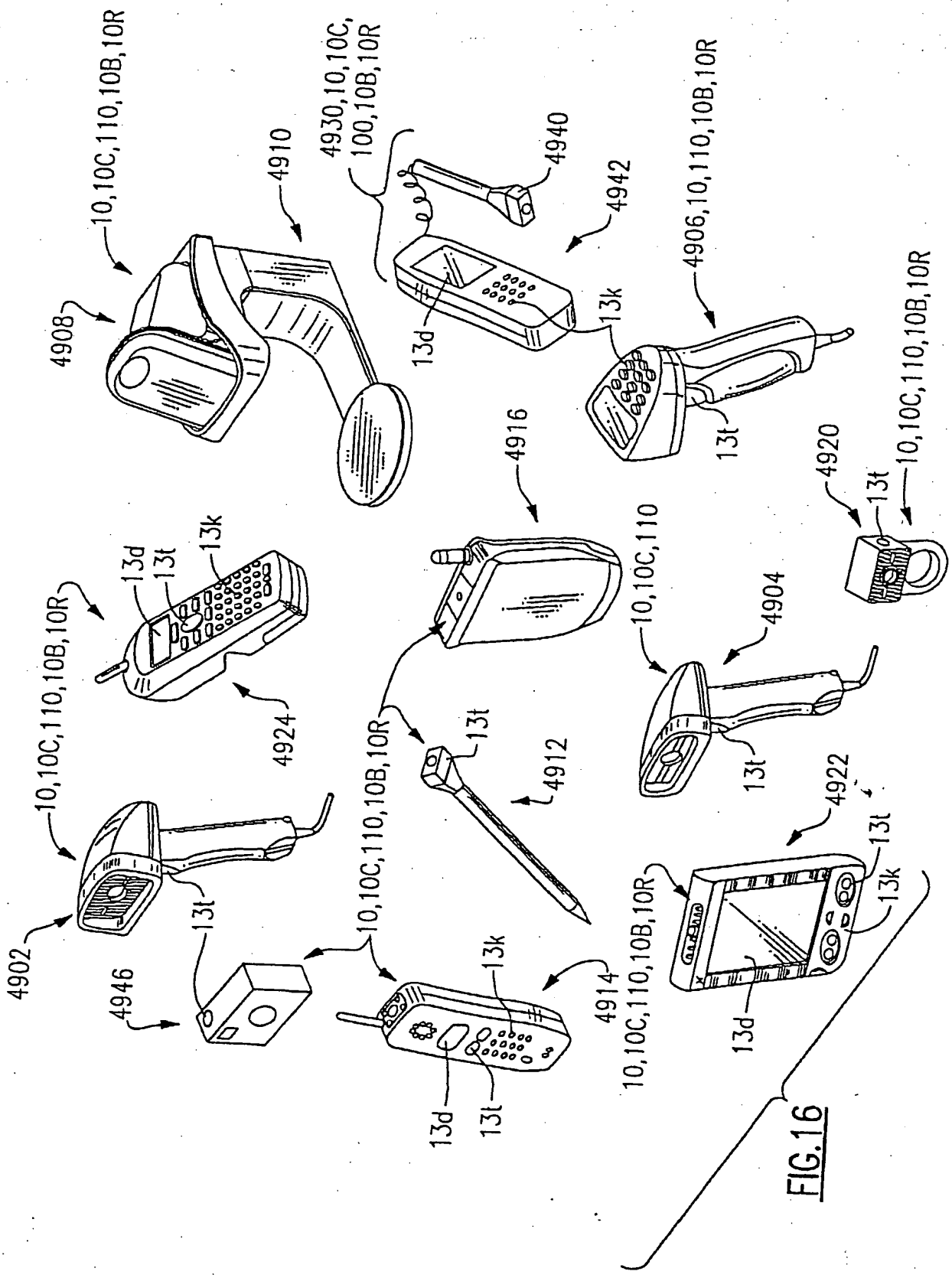
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FIG.16

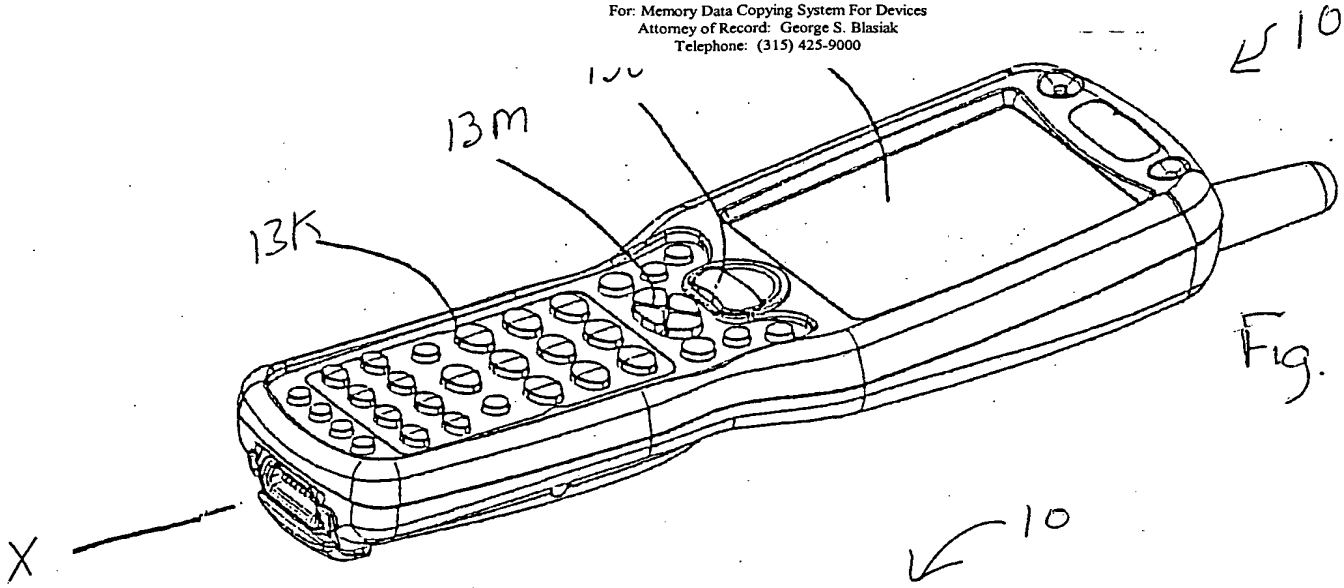

Fig. 17a

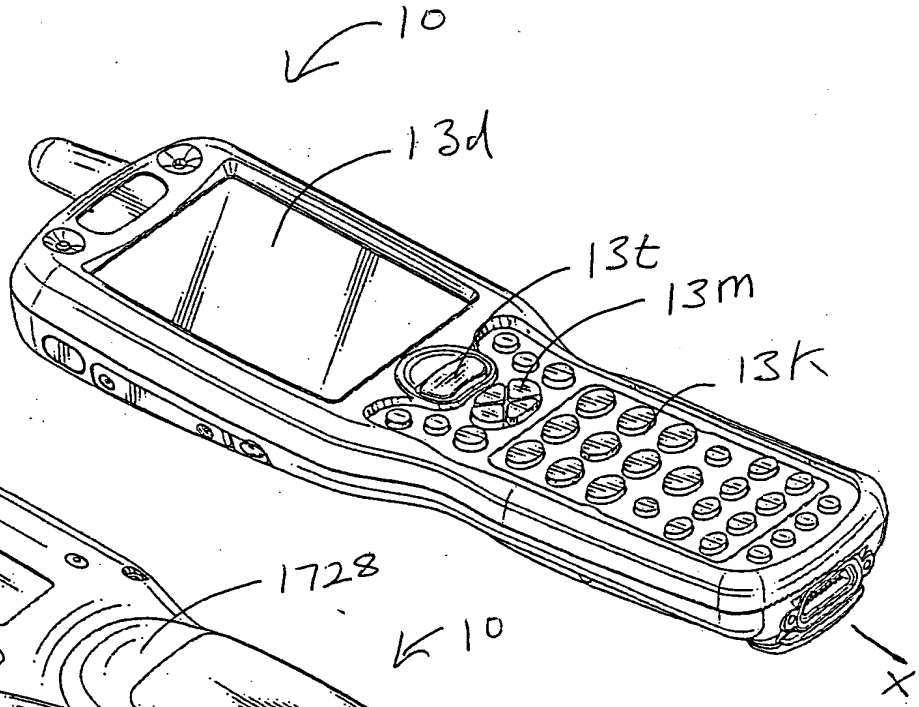

Fig. 17b

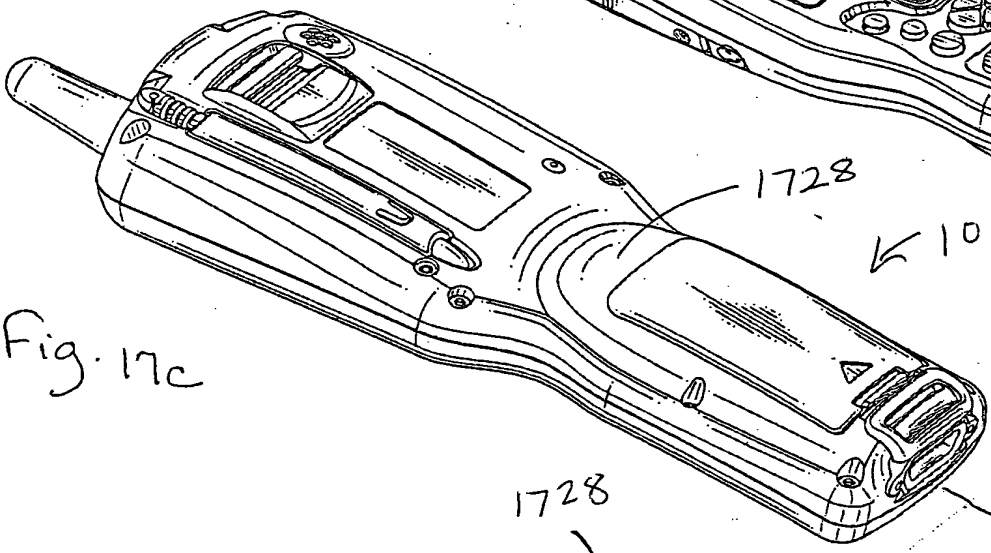

Fig. 17c

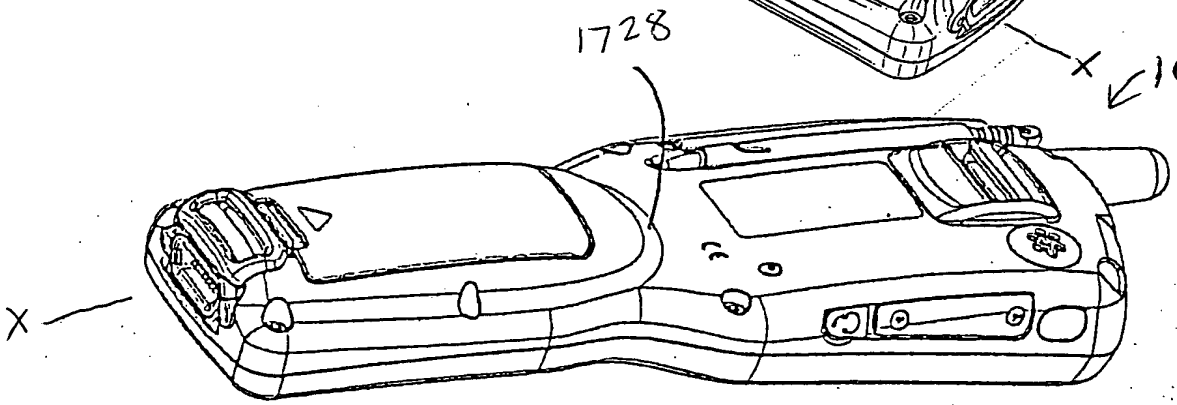

Fig. 17d

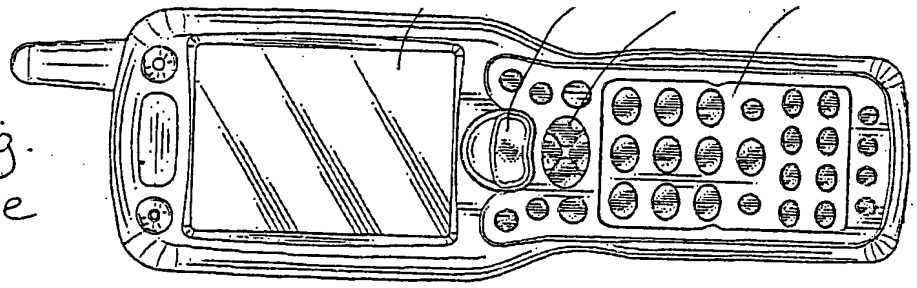

Fig. 17e

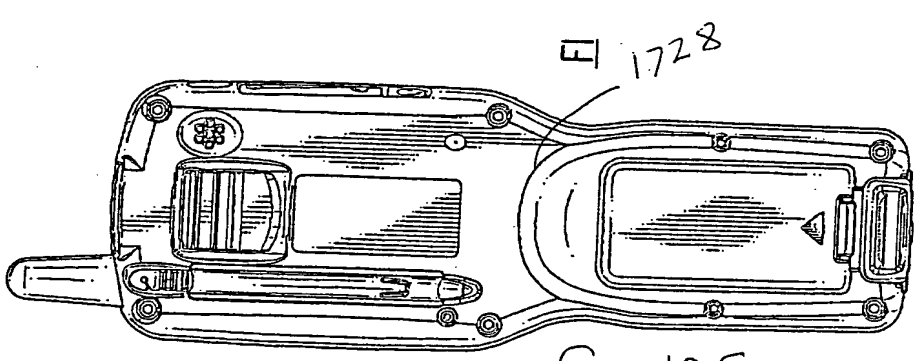

Fig. 17f

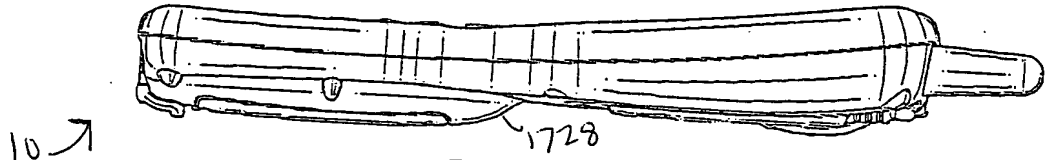

Fig. 17g

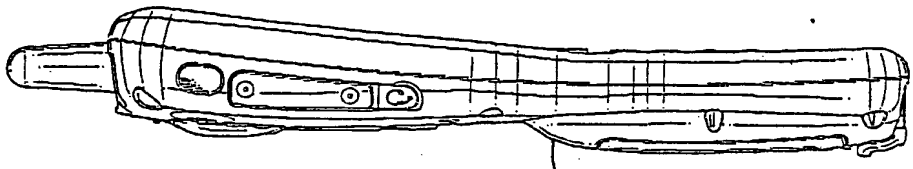

Fig 17h

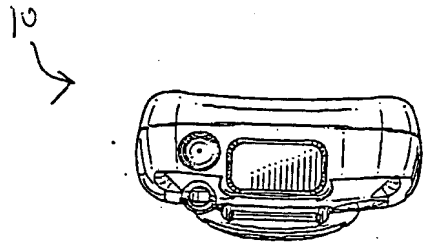

Fig. 17i

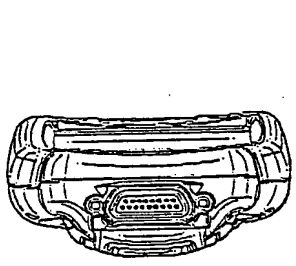

Fig. 17j

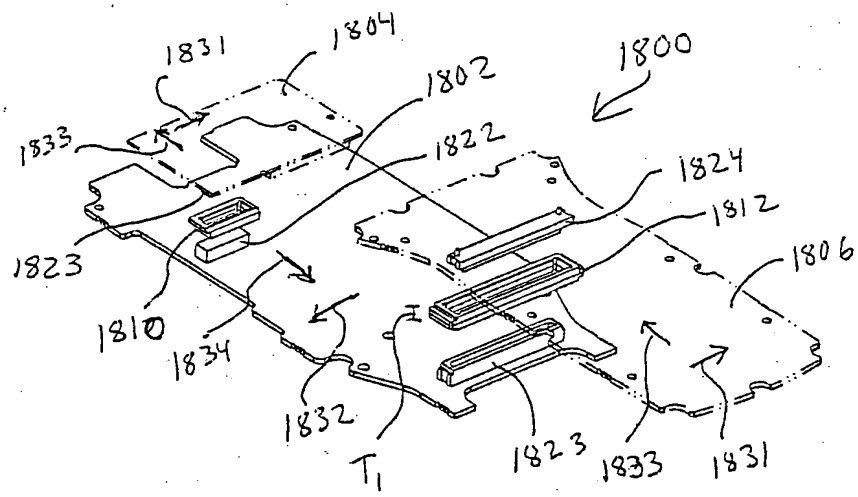
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Fig. 18